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•• ATLANTIC EDITION—FIVE CENTS A COPY

World Achievement Edition

Including
32-Page Rotogravure Supplement

The MARCH of the NATIONS

by RUFUS STEELE

Achievements Come Into Focus

United States Sees Recovery

France May Have New Cabinet

Scandinavia Considers Britain

Irak Will Be Newest Nation

Women Grow in World Affairs

THE nations, now able to bring the material accomplishments of 1931 into focused perspective, are impressed. In spite of extraordinary drawbacks, the total achievement is imposing. The world's business of ever building itself into better and better external things was impeded in 1931, but it was not halted. Neither was progress by the sheer force of momentum, but through the operation of qualities which, whatever the circumstances, are indomitable. The major accomplishments of 1931, perhaps, are such as cannot be caught by the camera. They are the gains of men who suddenly bereft of the familiar reliances, turned with some earnestness to things that are not material. In deprivation, in suffering, in desperation, they developed resources and reliances neglected in softer times. There is not the slightest doubt that millions of chastened men and women survey with gratitude new domes and towers that fill in their mental and spiritual sky lines.

* * *

¶ The United States finds cheer in the look ahead. The Government, which must express the will and wisdom of the people, plans definitely for improved conditions. The President's proposal of the $2,000,000,000 Reconstruction Finance Corporation is probably the most far-reaching and spectacular step ever taken by a government to restore confidence and give direct assistance to private business. And this is but one item of the eight-point recovery program now before Congress. The Secretary of the Treasury states that the tax budget is based upon a 15 per cent minimum business improvement. Thus the nation opens the way for recovery—by expecting it.

* * *

¶ France may have a new Government. With the passing of M. Maginot, Minister of War, and other changes Premier Laval may offer resignations and form a new Cabinet. But if this is done the chief portfolios will be refilled with the same men. What Laval seeks is a perfectly manned ship of state when the French position is being supported at the forthcoming conferences on reparations and disarmament. As a strategist he knows the value of united backing when facing what promises to be a widely disagreeing front.

* * *

¶ Sweden, Norway and Denmark send representatives to a conference at Copenhagen. Behind closed doors they talk about Great Britain, who is their best customer and from whom they buy the most. They see Britain in process of erecting a high tariff wall around itself and its dominions, to be completed at the Ottawa economic conference in July. The three neighboring countries are considering ways of getting themselves on the inside of that wall. They plan to show Britain something about Scandinavia—that it sticketh closer than a dominion.

* * *

¶ Irak prepares to take its place in the family of nations. The League of Nations will confer full status late in January upon this country of 3,000,000 people at the head of the Persian Gulf. King Feisal will rule from Bagdad, the capital. The region embraces the historic valley of Mesopotamia, and the whole country is heavy with the romance of history and legend reaching back to the earliest times. Irak was one of the mandated territories. Great Britain to whom it is under tutelage is fulfilling its promise of giving it full independence. This act by Great Britain is full of significance as denoting the sincerity of its policies. India might take note—and develop patience.

* * *

¶ The world's women are laying a heavier hand on public affairs. The United States appoints Miss Mary Emma Woolley as a delegate to the Disarmament Conference; Great Britain names Mrs. Corbett Ashby as a substitute delegate. The new Constitution for Burma gives women equal rights with men. Peru's revised Constitution is expected to include mandatory suffrage for men and optional suffrage for women. South Africa prepares to place women on the legislative ticket for the first time. In Chile the women, without the right to vote, are credited with electing the new President. The last decade definitely raised the question, politically speaking: Are Women people? The present decade is as definitely answering it—Rather!

Montenegro Solves Snowdrift Problem

Special to The Christian Science Monitor

Belgrade, Jugoslavia

MONTENEGRO has recently been provided with a new and all-the-year-round available connection with the sea.

Completely protected from snowdrifts, the new road from Cettinje to Budva on the Jugoslav coast, is an important improvement over the old road from Cettinje to Kotor which has often been blocked by snow, leaving Montenegro completely cut off from the seacoast.

British Liquor Inquiry Favors Rigid Control

Report Signed by Brewer and Leader in Temperance Movement

By Cable from Monitor Bureau

LONDON, Jan. 7—General restriction of liquor consumption is the main recommendation in a report signed alike by a temperance reformer, the Rev. Henry Carter, and a brewer, Mr. Thomas Skurray, issued here today by the Royal Commission Upon Licensing, a representative public body which has been for two years investigating drink conditions in England and Wales on behalf of the British Government.

The commission has been presided over by Lord Amulree. It was originally composed of 21 members, of whom one has passed on, while another has been unavoidably prevented from participating in the decisions reached. Sixteen of the remaining 19 signed the majority report. The remaining three comprising one brewer, one licensed victualer (saloonkeeper), and one social welfare worker dissented, each for individual reasons. The majority report thus represents an overwhelming consensus.

The commission declares that although such considerable reduction in excessive drinking has occurred as to render liquor traffic no longer the "gigantic evil" it has been in the past, nevertheless it remains such as to call for active measures for restriction.

Seven Main Categories

These measures come under seven main categories. First, reduction of licenses for saloons; second, conversion of public houses (saloons) into places for general refreshment; third, special hotel and restaurant licenses in which privileges, including some relaxation of control, would be attached; fourth, further expansion on the experimental lines of public ownership as already operating in Carlisle; fifth, establishment of a national licensing commission divorced from politics, with wide powers for the coördination of schemes for reducing drink facilities and for acting in an advisory capacity to licensing authorities; sixth, bringing liquor-selling clubs under regulation and inspection and prohibiting the sale of intoxicants in these institutions to persons under 18; seventh, definite encouragement for specific education regarding the evils of alcohol.

Concerning the hours in which liquor may be sold the commission would leave matters substantially as at present except that final closing time would be made uniform. The commission finds restrictions on hours of sale already in force "an indispensable element in the reduction of insobriety." It refers to the beneficial results which have followed cutting off early morning drinking, particularly among industrial workers, also the value of the afternoon break and abolition of former late night hours.

Carlisle System Cited

Regarding the Carlisle experiment in public ownership and management, the commission says: "We are satisfied there has been a substantial reduction in excessive drinking in Carlisle." It attributes this reduction partly to disinterested management, partly to the elimination of competition. Regarding the admission of children to saloons, the commission sees solution in the direction of providing improved accommodation, rather than in further restrictions.

The commission advises introduction of local option in newly developed housing areas, also generally in Wales, but not in England.

In its reference to medicated wine sold by chemists the commission advises regulations to reduce the deleteriousness of such decoctions. Regarding education on alcohol it prescribes publications on hygiene for schools and recommends courses on this question in teachers' training colleges.

The commission does not advise Sunday closing in England, while in regard to Wales it would leave restrictions substantially as at present. Regarding public house improvements it recommends rebates under which the sale of nonintoxicants would earn a proportional decrease in license duties. Changes in law also are advised to remove difficulties now found by progressive owners who desire to improve their premises.

ISSUE OF ADVICE UPON FOREIGN LOANS IS DENIED

State Department Says It Never Passed on Merits or Security

Special from Monitor Bureau

WASHINGTON, Jan. 7—The Department of State today issued a vigorous denial of having passed on the security or the merits of foreign loans. And it further declared that at the time of the first German dollar loan distributed in this country its reply to the bankers' notification of this issue merely employed the common "no objection" form.

The sole aim of the department, the communication says, has been in the interest of the citizens of the United States in connection with its foreign relations. These ideas, it says, have been repeatedly communicated to the public and the public has been made to understand that the Government's action carried no implication as to the Government's approval of loan. In fact no foreign loan has ever been made which purported to have the approval of the American Government as to the intrinsic value of the loan.

Explaining the arrangement that banks and other institutions have with the Government in notifying it of a proposed issue, the department goes on to explain that President Harding, early in his Administra-

(Continued on Page 6, Column 2)

War Debts Rob Even Creditors, Strakosch Holds

By Radio from Monitor Bureau

LONDON, Jan. 7—"It is a melancholy reflection that for the sake of collecting $400,000,000 per annum in respect of reparations and war debts there should have been inflicted upon the world a measure of deflation and with it a curtailment of production and consumption that may well be assessed at some 10 to 20 times that amount."

This arresting statement is contained in a closely reasoned pronouncement by Sir Henry Strakosch, a member of the financial committee of the League of Nations, published here today. Its appearance simultaneously with the return of Mr. Ramsay MacDonald, Prime Minister, from Scotland to prepare for the Lausanne conference on reparations illustrated the association existing in British opinion between the war debts problem and the restoration of world prosperity.

Sir Henry contends that it has become universally recognized that the fall in commodity prices is the root and cause of the present crisis; also that this fall is due to reparation payments. He also declares that all palliatives and postponements of payments are useless.

Sir Frederick Leith-Ross, who has been acting as an intermediary between the British and French Governments in an endeavor to reach a common ground at Lausanne, saw Mr. MacDonald today and will return to Paris tomorrow. He is understood to be working for some arrangement capable of restoring world confidence in the permanent stability of Germany.

A review issued today by the Midland Bank, one of the best informed of Britains big banks, suggests that a way out from "further catastrophies" may be found without wholesale and drastic writing down of debts by a rise in world price levels, "either involuntary or deliberately engineered."

Severe Careless Drivers' Law Urged

Hit-and-run drivers will lose their operating licenses for at least a year and second-time offenses of a like nature will bring a two-year suspension of driving privileges, under the terms of a bill filed in the Legislature today. It is proposed to remove any possibility for this class of drivers to escape some form of sentence by making the suspension of their licenses mandatory rather than discretionary on the part of the Registrar.

If the sanction of the legislators can be secured, several large insurance companies are prepared to issue group unemployment insurance policies. This information was given by Mr. Leon M. Lamb, secretary of the Massachusetts Industrial Commission, and Mr. Roswell F. Phelps, director of the statistics division of the Department of Labor and Industry, today, following the filing of an insurance bill with the clerk of the Senate.

The proposed policies would be issued to cover not fewer than 50 workers to insure employees against loss of salary after a year's continuous employment. Premiums would be paid by the employer, the employee, or by both parties jointly.

EAST AFRICA SEEKS GREATER CROP YIELD

Special to The Christian Science Monitor

NAIROBI, South Africa—The East African Government is organizing an intensive campaign to increase crop production in the native reserves.

WHO takes the measure of progress, must first select his yardstick. Deeply, the year of 1931 has carved its record. Evidences there are of grave economic conditions, of stock markets in decline, of unemployment and of hardship. But the record, as well, is vitalized by lasting accomplishment—contributions which extend beyond the grasp of current difficulty. What, then, is to be the measure of achievement?

Can the year be evaluated in terms of stone and steel? Huge structures rise to new heights; mighty bridges are woven as the sinews of commerce; waters of a hundred rivers are impounded for their treasure of fertility and energy; great projects are completed and greater ones move forward.

Or is the essence of progress to be found in advances in communication? Men ride the skies and cross the earth with greater speed; technical advancements shrink the size of continents and oceans; the spoken word extends its wings; international marine units of new proportions command the seas.

Within the province of the inventor, ingenuity and research bring a thousand products to the service of the world; economic stress lays new premiums upon technical improvement; methods and devices, once limited to laboratory experiment, become the property of commercial application.

Pure research—abstract study which holds the promise of future progress—is this the scale? Physicists bring new elements within their grasp; research lessens the mystery of the atom; astronomers plumb deeper into the vastness of the universe.

Truly, all of these bespeak advancement. Yet they can be but symbols. The full significance lies deeper. One touches it only as he touches the thinking of mankind. For only in these thoughts can one lay hold of the vision that has been the foundation of progress, the courage which has wrought the solution to great problems, the faith to go forward without fear in the face of seeming impossibility.

Advancement in thinking must be the measure of 1931. With it, developments in industry and laboratory are fully understood. With it, the advances in vast fields of humanics can be assessed. Social and educational progress and the forward march of governments are seen as the reflected effort of men toward better conditions; gains in internationalism are accurately interpreted as the tangible outcome of a higher idealism.

Men have raised their thoughts, and as they have done so they have gone forward—overcoming tremendous difficulties—writing for 1931 a record of vast achievement.

Peruvian Budget Omits Provision For Foreign Debt

LIMA, Peru, Jan. 7 (By U. P.)—President Sanchez Cerro yesterday sent to Congress his provisional budget for the year 1932, without including in it any appropriation for payment of interest and principal on Peru's foreign debt.

The budgeted expenditures total 96,296,283 soles, or approximately $27,013,000, as compared with 149,987,192 soles, about $42,000,000, appropriated for 1930 and 1931.

The Minister of Finance, Señor Cateriano, in his message accompanying the budget, said that appropriations had been included for indispensable service on internal debts, but that no allocations had been made in the "provisional budget" for the foreign debt "due to the fact that such service would inevitably affect the stability of the currency, and due to the difficult financial situation facing the state."

The provisional budget was presented as balanced on the basis of revenues for 1930 and 1931, which slightly exceeded 96,000,000 soles in each year.

PRETORIA, CAPITAL, WINS CITY CHARTER

Special to The Christian Science Monitor

PRETORIA, S. Af.—Hitherto Pretoria has always been regarded as a city, yet its official recognition as such dates only from Oct. 14, when a formal charter was granted and a proclamation was issued declaring its city status.

In commemoration of the event a city hall is to be built, costing £250,000. Pretoria was founded in 1855 by Andries Pretorius, a leader of the Great Trek, and named after him, later becoming the administrative capital of the Union of South Africa. It is now a well-laid-out and beautiful city of 70,000 persons.

QUOTA CONTROL HELPS MOROCCAN JOBLESS

Special to The Christian Science Monitor

FEZ, Morocco—A new regulation to control immigration and help to prevent unemployment has come into force.

Every immigrant wishing work in Morocco will need to have a contract of employment approved by the Moroccan Government. If a foreign worker loses his work in Morocco through no fault of his own, his employer will be held responsible for his repatriation.

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India Gaining Ground Against No-Rent Move

By Radio to The Christian Science Monitor

ALLAHABAD, India, Jan. 7—Except for certain intractable areas, the situation in the United Provinces has improved considerably concerning the rent ordinance, which was introduced by the Viceroy, the Earl of Willingdon, to counteract the campaign by the All-India National Congress which urged the peasants not to pay rent.

British district officers report that rents are coming in and in some districts agriculturists frankly say the ordinance is welcome.

This attitude is a significant commentary upon the action of the Provincial Legislative Council, which approved the ordinance, being the first time such indorsement has been given to an enactment of this kind.

However, some clashes between the Congress and the Government are inevitable, the arrest of Mahatma Gandhi providing the excuse. There were casualties here and at Benares, where Congress adherents disobeyed orders forbidding demonstrations.

Cawnpore particularly is causing anxiety, owing to the danger of communal outbreaks, for Congressites are doing their utmost to close shops and schools, a policy which the Moslems oppose.

Meanwhile there is a general air of bewilderment, for while there is widespread agreement that the Viceroy had no alternative but to take strong action, owing to deliberate defiance of laws, it is appreciated that sooner or later the Government of India must discuss the proposed constitution with the Congressites.

Sir Tej Bahadur Sapru, who is again at his home in Allahabad, in referring to the situation and to the forthcoming renewed constitutional labors, stated in conversation yesterday: "The Earl of Willingdon, who wants to become the constitutional Viceroy, should in my humble judgment call a conference of all those prepared to express their views freely and frankly as a preliminary to the work of the committees."

Apparently Sir Tej fears the Viceroy's firm action will react on the constitutional question and spoil chances of any central responsibility being granted to the Indians. He sees need for reassuring India that this is not the case.

The Pioneer, a leading Allahabad newspaper, comments that the moderates should with their inside knowledge of the Round Table Conference boldly stand forth on public platforms and explain the position properly to the large masses who never hear any speakers but protagonists of the Congress viewpoint.

BELGIUM TO PROTECT FORESTS FROM AXES

Special to The Christian Science Monitor

BRUSSELS, Belgium—Belgium's woods and forests are in future to be protected against excessive tree felling by a law recently voted by the Belgian Senate.

JAPANESE TAKE STRATEGIC CITY ON CHINESE SOIL

Shanhaikwan Occupied—Chang Withholds Revenues From Nanking

By Cable to The Christian Science Monitor

PEIPING, China, Jan. 7—The foreign legations are informed that the Japanese have quietly occupied Shanhaikwan this morning, marking the final elimination of Marshal Chang Hsueh-liang's troops from Manchuria. The occupation raises a question that is likely to embarrass the powers, since Shanhaikwan, at the end of the Great Wall, is actually within China proper, although strategically it occupies an ideal situation for demarking the Manchurian territory Japanese.

They are apparently treating the entire occupation strategically, not considering treaty technicalities.

Under the Boxer protocol, the Japanese are free to occupy the railway between Shanhaikwan and Tientsin under the prextext of the necessity for keeping an outlet to the open sea, but foreign observers believe that such a movement is unlikely at present.

Marshal Chang Hsueh-liang meanwhile has announced that the Nanking Government's emergency compels the diversion of revenues ordinarily sent to Nanking, pending the evolution of the National Government's financial program.

Temporarily, therefore, North

(Continued on Page 10, Column 6)

Franco-German Accord Sought In Air Services

By Radio from Monitor Bureau

BERLIN, Jan. 7—Close coöperation between German and French air services on all routes wherever German and French planes now compete is the object of a conference of air-traffic experts of both nations going on here.

The negotiations are in connection with the Franco-German Economic Committee founded to obtain better economic relationships between Germany and France when M. Pierre Laval and M. Aristide Briand were in Berlin in September. Chief effort is directed to reorganization of the German and French service to South America.

At present France sends its mail by air to Dakar on the African coast, whence it is taken by steamer to Natal, Brazil, and is then dispatched by air again.

Germany, which is not allowed to use the French colonial airport in Africa, sends its mail by air to the Canary Islands where it catches the German boat to Fernandonoronha Island, near the South American coast, where German planes pick it up.

It is now proposed that the German Luft-Hansa pool its interests with the French Aeropostale Company and institute a twice-weekly South American air mail service.

It is further suggested that the Graf Zeppelin be linked up with this service as the airship is still the fastest means of transportation across the south Atlantic. Another line on which Franco-German coöperation is sought is along the Constantinople route via the Balkans.

City in Bulgaria Has 'Gold Rush'

Special to The Christian Science Monitor

BORISOVGRAD, Bulgaria—A gold rush has come to this little city in southern Bulgaria. Its hopes have been aroused by American engineers, who with the help of 50 laborers are digging in "Gold Valley," carefully washing the sand and gravel they uncover and minutely testing the bright particles they find.

Their discoveries seem to be encouraging, inasmuch as they have ordered machinery to enable them to make more extensive excavations. In fact, the first assignment of pipes, drills and sluices has already arrived, and the sight of them has filled the people with expectation.

For more than half a century the inhabitants of this county have believed that there is gold here. It is related that once a village woman carried a bag of sand home and dumped it in her yard for her chickens to scratch in, and that following a heavy rain the ground was covered with small shining specks. After that adventurers came from far and near to discover the source of the golden sand, but none before ever found enough wealth to make digging worth while.

BULGARIAN KING GIVES TREES TO U. S.

Special to The Christian Science Monitor

SOFIA, Bulgaria—In honor of the forthcoming celebration of the two hundredth anniversary of George Washington's birthday, King Boris of Bulgaria has presented to President Hoover, through the American Minister here, two young pine trees of an especially beautiful and hardy variety.

One of them was planted in the yard of the American Legation and the other on the campus of the American College near Sofia.

Wick Remains Dry Despite Wet Drives

Special to The Christian Science Monitor

Wick, Scot.

THIS little town in the north of Scotland, which has had no license during the last 10 years, despite intensive propaganda on the part of the wets, remains dry.

The result of the Wick temperance poll in December was announced as follows:

Continuance of No License	1405
Repeal	1294
Majority	111

Fore River $506,500 Fund Is Approved

War Department Favors Improvements Said to Mean Big Yearly Saving

Widening and deepening of the Fore River, for which an expenditure of $506,500 was approved yesterday by the United States War Department, will result, if finally authorized by Congress, in a saving of nearly $100,000 annually, Boston army engineers and officials said today.

Vessels, heavily loaded with crude oil and coal, bound for industrial plants along the river, are unable to proceed at low tide through the present channel. This, the officials point out, has resulted in great losses, both to the companies and boat owners.

The project, recommended by Col. S. A. Cheney, United States Army engineer in charge at Boston, after extensive surveys and investigations, provides for increasing the depth of the channel from 24 feet to 27 feet, and the width to 300 feet between President Roads and the Weymouth Fore River Bridge. Local interests are expected to assume the cost of dredging and maintaining the channel to equal depth and suitable width, extending upstream at least 2500 feet through and from the bridge.

In approving the project, Maj.-Gen. Lytle Brown, chief of the Army engineers in Washington, said that it is "amply justified by the resulting benefits, which would save many hours' time for the large colliers and other vessels using the channel."

A deeper and wider Fore River would also permit the Bethlehem Shipbuilding Corporation to move the larger vessels built at their plant to and from the sea without the inconvenience of waiting for high water, it is pointed out. The airplane carrier Lexington was one vessel having great difficulty in navigating the relatively small channel in Fore River. Local army engineers estimate that the three extra feet in the depth of the river would eliminate future difficulties.

About $100,000 of private capital and large sums of state money have been spent in dredging to the piers of the Edison plant in Quincy and to the Braintree plant of the Cities Service Company, and to the slips of the Fore River Shipyard, so that General Brown feels that the Government is warranted in assuming the entire cost of the deeper channel to the bridge now approved.

Federal maintenance of the channel is expected to cost but $2000 annually. Commerce on the Weymouth Fore River which enters Hingham Bay in the southerly part of Boston Harbor, is rapidly increasing and amounted to 2,016,127 tons in 1930.

Following approval of the project by the War Department, the recommendation is sent to the Rivers and Harbors Committee of Congress and probably will be included in the next rivers and harbors bill.

ROUMANIAN ENVOY TO NEGOTIATE PACT

By Radio to The Christian Science Monitor

BUCHAREST, Roumania, Jan. 7—Prince Demetre Ghyka, Foreign Minister, left here for Warsaw today for negotiations with the Soviets on the nonaggression pact.

It is learned that Roumania is ready to treat without demanding that Russia recognize the present frontier, and that the subject of Roumanian occupation of Bessarabia is therefore unlikely to come up.

YOUNG AUSTRALIA TAKING TO THE AIR

Special from Monitor Bureau

MELBOURNE, Vic.—For 15 advertised vacancies for cadets in the Royal Australian Air Force, more than 1100 applications were received by the Commonwealth Air Board.

Two Towers for Cables To Tower Over Thames

Special from Monitor Bureau

LONDON—Two gigantic towers, each half as high as the Eiffel Tower of Paris, are to be erected soon to carry electricity cables across the mouth of the Thames, it is announced.

GERMAN JOBLESS GAIN

BERLIN, Jan. 7 (AP)—Germany's unemployed on Dec. 31 had increased 316,000 to 5,666,000, it was announced today.

FAITH SHOWN IN POISE OF U.S.AS NATION

Administration Is Bending Every Effort to Reëstablish Confidence

HOPEFUL FACTORS ARE ENUMERATED

Treasury Experts Anticipate Substantial Measure of Business Recovery

By RICHARD L. STROUT
Staff Correspondent
Special from Monitor Bureau

WASHINGTON, Jan. 7—In the belief that no one who calmly looks at the United States as a Nation, even at a time of stress like the present, can fail to take courage and gain reassurance, the Hoover Administration is bending all efforts to reëstablish national confidence as the prelude to a return of business prosperity.

With Mr. Hoover's repeated appeals to Congress for prompt action on his eight-point reconstruction program, he has constantly emphasized the belief that the physical elements are now present for recovery, provided confidence can be restored.

This belief has been given practical expression in drawing up the Administration's budget for the coming year, in which Treasury experts have based their reckoning on the expectation of a substantial measure of business recovery in the next 12 months.

Hopeful Factor

Furthermore, as a hopeful factor in the midst of the crisis, wholesale and retail establishments have gradually used up surplus stocks so that a large demand for new goods now exists that might, it is believed, develop into a wave of buying if the corner of the slump were once rounded.

Besides this, not only business houses and banks, but individuals have accumulated supplies of idle capital which are immense in the aggregate, and which could be released almost immediately, it is believed, if public confidence could be reëstablished.

Under such circumstances, President Hoover, with all the force at his command, is urging enactment of a far-reaching reconstruction program, including the outstanding and spectacular proposal to establish a $500,000,000 reconstruction finance corporation (with authority later to increase capital by sale of debentures to $2,000,000,000) largely to aid confidence, as well as to give direct assistance to private business.

These measures, it is believed, will be excellent in themselves, and will aid national morale by bringing mighty federal credit reserves into play.

Although the United States is passing through a crisis, it is pointed out that the essential resources of the country, including both physical and social assets, have been untouched by the storm. Some 40,000,000 people out of 120,000,000 for example are gainfully employed; the wheels of a gigantic industry are still turning, though at a moderated pace; the country has a bigger gold reserve than ever, a sound financial system and above all a militant and unshakable belief in its own destiny that no minor shocks can disturb.

But Transitory

"Business depression has been recurrent in the life of our country," Mr. Hoover told Congress in his recent annual message, "and is but transitory. The nation has emerged from each of them with increased strength and virility because of the enlightenment they have brought, the readjustments and the larger understanding of the realities and obligations of life and work which come from them."

The Administration believes a degree of recovery will come in 1932—how much is speculative.

"In making forecasts of revenue," Mr. Andrew W. Mellon, Secretary of the Treasury, declared in his annual report, "it has been assumed that in the calendar year 1932 there will be a definite improvement in the general conditions of industry and trade."

Commenting verbally on this statement, the Treasury head said that the tax budget was based on expectation of a minimum 15 per cent recovery.

Such a recovery might considerably exceed this amount, it is believed, if the experience of such slumps in past years should be followed and the existing credit paralysis overcome.

"If we can put our financial resources to work and can ameliorate the financial situation in the railways," Mr. Hoover told Congress, "I am confident we can make a large measure of recovery independent of the rest of the world. A strong America is the highest contribution to world stability."

Face to face with the temporary business slump it is natural enough in the view of the Administration that some people should forget the impregnable strength of the country's reserves in man power, natural resources, and spiritual assets.

In the last named connection, as recently cited by Mr. Frederick M. Feiker, director of the bureau of foreign and domestic commerce, are such assets as a firm belief in the United States and its future, with a confidence in the tradition that it can meet and conquer any crisis; a determination to give children a better place to live in and more comfort and enjoyment; a tremendous fund of American ingenuity, adaptability, alertness and courage; a people essentially sober and collected in the midst of economic alarm; accelerating national coöperation, as indicated in treatment of the economic emergency, and a tendency to search for and find enlightened business methods.

And as Mr. Hoover asserts:

"The mobility of our institutions, the richness of our resources, and the abilities of our people enable us to meet them (changing conditions) unafraid."

A dispassionate stock-taking of national assets at the present juncture from figures compiled by the Commerce Department is calculated to inspire faith in the future of American trade and industry.

In the face of widespread unemployment, for example, 40,000,000 are still employed, comprising the world's greatest consuming market, while the total national wealth, of $350,000,000,000, is unprecedented in the annals of any country.

According to Commerce Department figures the nation has made a rainy day provision for itself representing $27,000,000,000 deposited in savings banks, and another $100,000,000,000 in life insurance of which a new billion and a quarter dollars worth was added in the first six months of 1931.

Going further afield, the nation has $15,000,000,000 invested abroad, while at home it has an unrivaled manufacturing industry doing annual business of $70,000,000,000, wholesale establishments representing nearly $70,000,000,000, and retail merchandising activities representing $53,000,000,000.

In the face of such an array of facts, and with the greatest productive capacity of any country, it is argued, that no American can justify economic defeatism, or conscientiously "sell America short."

Even at a time of stress, it is pointed out in conclusion, the industrial warfare that featured the 1921 depression, with 2400 strikes, and that turned over 1,000,000 workers into the streets with attendant bitterness and bloodshed, has thus far been avoided in the present crisis, giving evidence of a type of the social assets of the American people, that must be reckoned in with any appraisement of the country's physical assets.

These social assets, as they are viewed by the Administration, include a stubborn belief in national future; an unshakable confidence, derived from 150 years' history, that the country can surmount any obstacle; a reservoir of "Yankee" ingenuity, resourcefulness, and courage; and finally a national tradition that each succeeding generation shall leave the country a better place to live in, with more of comfort and enjoyment, than the one that went before.

MOSES HOLDS POST THROUGH 25 BALLOTS

WASHINGTON, Jan. 7 (AP)—The determined and silent contest of the western Republican independents against the reëlection of Senator George Moses, (R.), from New Hampshire, as president pro tempore of the upper House was moved aside yesterday by the Senate, leaving Mr. Moses in the office. Twenty-five ballots failed to break the deadlock.

Senator Kenneth McKellar, (D.), from Tennessee, announced he would revive the Moses issue later but a heavy calendar of business is approaching the Senate and the prospects for another vote in the near future seems dim.

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TREASURY TAX PLAN FOLLOWED BY DEMOCRATS

Tariff Policy Modified and Way Being Cleared for Hoover Program

Special from Monitor Bureau

WASHINGTON, Jan. 7—The Democratic tax and tariff programs began to take definite shape today as party leaders indicated their tax policy would be built on the broad plan prepared by the Treasury Department, and the Ways and Means Committee proceeded to final action on the party tariff measure.

It now appears likely that the tax program in its completed form will embody the portions of the Treasury plan providing for a 40 per cent surtax on incomes of more than $100,000, for some broadening of the base of the income tax, and for a modified sales or a luxury tax.

This was indicated by Representative Charles R. Crisp of Georgia, member of the Democratic Policy Committee and of the House Ways and Means Committee. Mr. Crisp declared the Democrats had no independent tax program of their own, and that the Ways and Means Committee, in drafting new legislation, would use the Treasury plan as a basis for committee deliberation.

Reciprocal Provision Removed

The Ways and Means Committee held its final hearing on the tariff bill today after the majority had indicated it would delete the provision in the original draft asking the President to negotiate reciprocal tariff agreements with other nations.

With this exception the Democratic leaders indicated they would push the matter through Congress in its present form with the object of obtaining its passage before the end of the week, in order to clear the way for President Hoover's reconstruction measures and for the bills connected with balancing the budget.

The reciprocal provision program was removed from the bill at the suggestion of Mr. Crisp because it was found, on investigation, that it might have conflicted with the majority of existing trade treaties between the United States and foreign nations which include "most-favored-nation" clauses.

Mills Opposes Changes

Mr. Ogden L. Mills, Assistant Secretary of the Treasury, appeared before the committee on the tariff bill this morning opposing practically every feature. He objected to repeal of the flexible clause on the ground it would freeze existing tariffs until Congress is prepared to make a general revision of all tariff rates.

He did not believe the President should be deprived of his existing authority to initiate investigation into specific rates, nor did he think it wise to require congressional action on every change recommended by the Tariff Commission.

The provision of the bill providing for an international conference on tariffs also met his disapproval, on the ground that no policy for the United States delegates to pursue at such a conference had been outlined.

Bargaining Method Decried

He termed as "pious aspirations" the clauses in the bill specifying that the conference should have in view "lowering excessive tariff duties" and pointed out that the word "excessive" was too open to a variety of interpretations to be a sufficient indication of policy.

"I maintain," he said, "that the place to lay down the tariff policy of the United States is in the House of Representatives and not in an international conference. The bargaining method pursued in such conferences is a reversal of the traditional tariff policy of this country."

As soon as the tariff bill has passed the House, the committee will proceed with the drafting of new tax legislation. Instead of the Democrats coming into the committee with a tax measure of their own, as is usual in such cases, Mr. Crisp said the procedure would be to use the Treasury proposal as a rough draft for the bill and then proceed to modify it after hearings had been held.

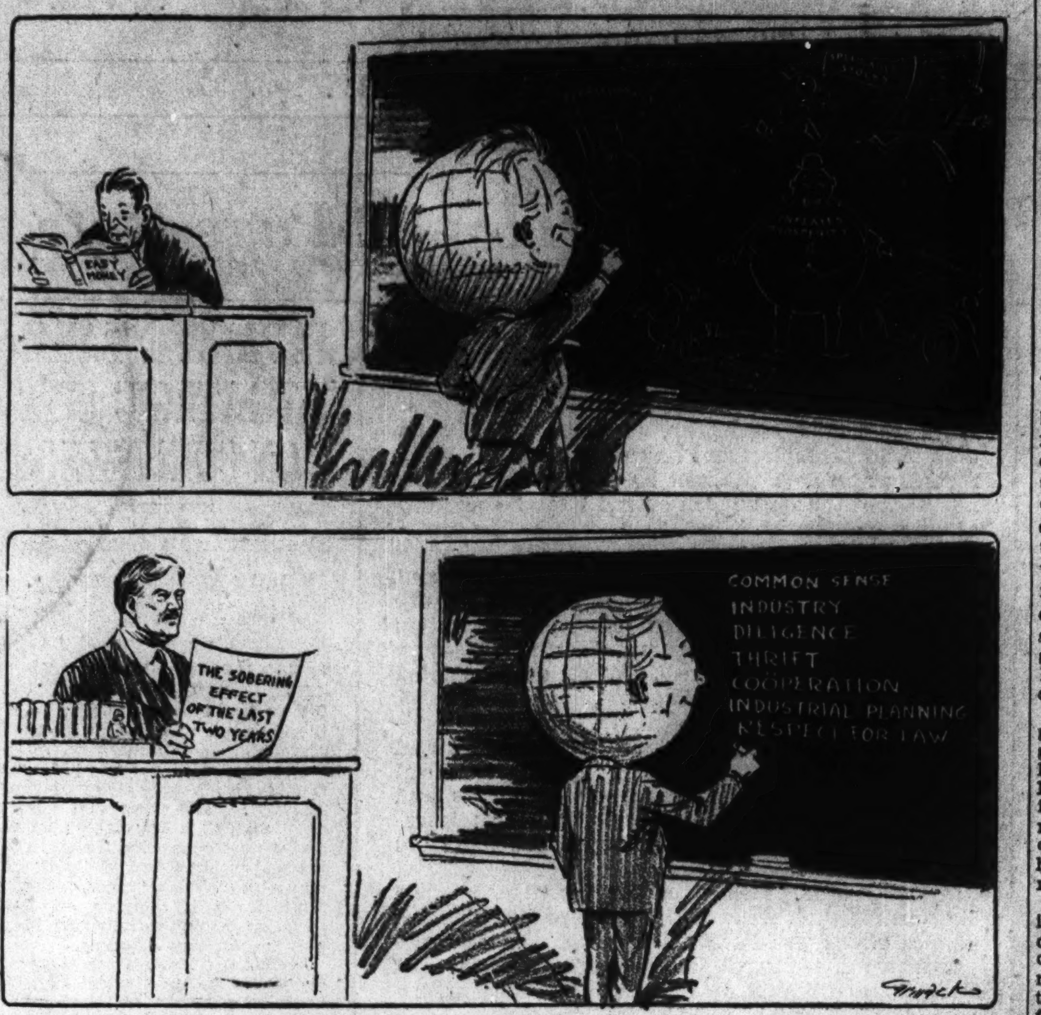
Combination of Imposts

It is expected that the Democratic majority will make some changes, but remarks by various leaders indicate that broad features of the plan, particularly as respects the income tax, will be retained. They have made it definitely evident that the responsible leadership of the party has no intention of sponsoring a tax program at this time which would put an undue strain on business.

They have also accepted the theory behind the Treasury proposals that the deficit cannot be met by taxing the rich alone, but that the vast sum necessary to balance the budget can be obtained only by a combination of almost every possible means of increasing the federal revenue.

The theory of a selective sales tax or luxury tax, although unpopular with the rank and file of both parties, has also been accepted by most Democratic leaders as indispensable to a program sufficient to balance the budget. Representative Henry T. Rainey, Democratic floor leader, suggested it in a recent radio address.

Same School—Different Teacher



Good Music Aided By English Radio

Special to The Christian Science Monitor

LIVERPOOL—The dangers that broadcasting and government interference present to the best interests of music were stressed by Sir Hamilton Harty, conductor of the Hallé Orchestra, Manchester, in the last of a series of lectures on music in the University of Liverpool. He warned that the semi-state interference that England had recently experienced in musical affairs seemed likely to do more harm than good, owing to the alleged lack of knowledge on the part of those charged with its administration.

The recent increase in interest in good music, however, must, in a great measure, be credited to wireless and gramophones, said Sir Hamilton, and this newly awakened interest on the part of the masses might eventually do much to overcome the reproach which England has experienced of being a nation not really interested in music.

If the musical policy of the British Broadcasting Corporation were directed by purely idealistic musicians, he said, with every dose of music that was sent over the air there would be an antidote in the form of a warning that, wonderful as it was, it was not the real thing and that listeners should check their impressions with what they heard in the concert hall.

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We shall be glad to send you a photograph and full information of any particular piece of furniture, mattress or spring that you may need, together with the name of your nearest retailer.

In the near future we plan to announce to the world through the pages of The Christian Science Monitor, a name and trademark under which these products will be sold.

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THE AHWAHNEE HOTEL, *Yosemite National Park, California*
OYSTER HARBOR CLUB, *Cape Cod, Massachusetts*
ROOSEVELT HOTEL, *New York City, New York*
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CLEARING LAND FOR PUBLISHING HOUSE PROJECT

Ingenious Method Used in Getting Site Ready for Excavation Work

Nearly 1000 feet above the din of Boston's Back Bay district could be seen a small, two-passenger monoplane. Within its cabin, carefully braced in the open doorway, knelt the photographer of The Christian Science Monitor, his camera in hand.

Beneath could be seen the original edifice and the extension of The Mother Church, The First Church of Christ, Scientist, the adjacent buildings occupied by The Christian Science Publishing Society and a large partly-cleared space on which will be built the new Christian Science Publishing House.

The plane swung around until a clear view of these buildings was obtained in the finder of the photographer's camera. The shutter clicked; the plane changed its position; there were other shutter clicks until the area about The Mother Church had been photographed from several angles. This briefly tells the story of the accompanying photograph.

Pile Driver Starts Work

On this site upon which the new building is to rise can now be heard the heavy thump, thump, thump of a steam pile driver ramming steel sheeting along the Clearway Street side of the site to prevent any possibility of the land sliding while the building's foundations are being laid.

On the Norway Street side of the area, a crew digs trenches in which are being laid heavy steel pipes about six inches in diameter. Another crew can be seen tugging away at a smaller pipe, known as a wellpoint, about 27 feet long, swinging it around and ramming it down into the ground beside the larger pipes in the trenches.

At the top of this wellpoint is attached a hose connected to the city water supply through a pump and control machine. At the opposite end is a jetting nozzle, somewhat pointed, and through this comes a strong force of water which, as the workmen push downward, drills its own hole into the ground.

Description of Wellpoints

The lower half of this wellpoint is backed with strong wood and strapped to the pipe with metal bands. Above the nozzle is a coarse protective bronze mesh, covering finer filter mesh, and this has an area of about 270 square inches. Thus only water is permitted to enter the pipe.

About 130 of these wellpoints, placed six feet apart, will be jetted into the ground and each will be connected to the larger header pipes in the trenches. These header pipes are being laid in two rows, one along the Norway Street side of the area and the other on the Clearway Street side. Each row will be connected to a separate pump.

This pump will be a combination of air and water pumps, and as soon as the entire wellpoint system is laid, they will be set into operation and will drain or de-water the land until foundations for the entire new building are completed.

The de-watering process is known as the Moretrench Wellpoint System, and contrary to the usual method of land draining, the equipment is rented and not purchased from the company that manufactures it. This prevents a waste of materials when draining operations are completed.

Draining of the land on the site of the new Christian Science Publishing House is being done by the Moretrench Corporation of Rockaway, N. J., and it is said to be the first wellpoint installation of any consequence in Boston with their equipment.

When the land is sufficiently dry, actual excavation work for the new building will begin. The contract for this part of the work has been made with A. G. Tomasello & Son, Inc. Already one of this company's steam shovels has been at work clearing away the concrete and brick foundations of dwellings formerly located along Clearway Street to make a place for the steel piling now being placed there.

The site for the new building is entirely cleared of all its former dwellings. There now remain but the office building at 206 Massachusetts Avenue and a small store adjacent to it at the corner of this avenue and Norway Street.

Upon completion of the new quarters for the Christian Science Reading Room, estimated to be about the first of March, work on the demolition of these two remaining buildings will begin. When they have been removed, the entire area will then be cleared for the work of excavation and the laying of the concrete foundations.

Julius Rosenwald Has Passed On

CHICAGO, Jan. 7—Mr. Julius Rosenwald, philanthropist and humanitarian, who passed on yesterday, leaves a record which in part is one of wise dispensation of a large fortune founded on the growth of Sears Roebuck & Co., in behalf of his employees, of educational institutions and of racial groups, especially Negroes and Jews.

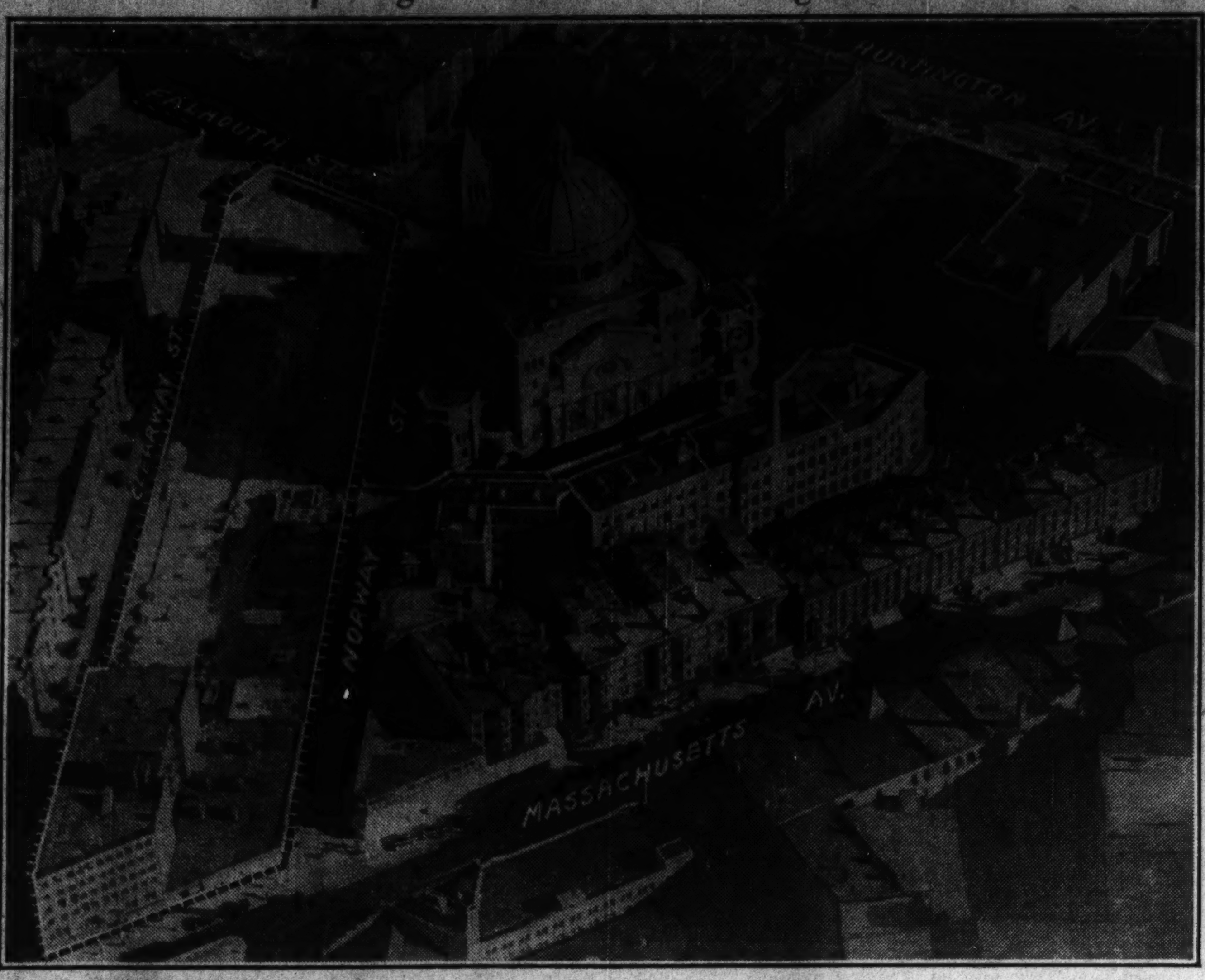
His entire benefactions are estimated at $40,000,000. His private contributions, in so far as they can be tabulated from records coming in since the beginning of the century, total $21,568,670. He was the initiator of the Rosenwald Foundation through an endowment of Sears Roebuck stock worth $20,000,000. By giving only a part of the funds needed for any benevolent project and requiring that the beneficiaries supply the remainder he initiated many enterprises and enlisted the interest of many groups of people who otherwise might have remained indifferent.

His experience in business was gained by working in a retail clothing store in New York and operating one that he bought later. Going to Chicago he entered the business of manufacturing clothing, later to join forces with Mr. Richard W. Sears in 1895, serving first as vice-president and treasurer and then in 1908, upon the retirement of Mr. Sears, as president of Sears Roebuck & Co.

From that period, his business and philanthropic services grew apace. He inaugurated the mail house policy of refunding money without question to dissatisfied customers, a policy which contributed to the spectacular growth of Sears Roebuck & Co.

During the World War he was in charge of buying supplies for the Army and Navy, was appointed a member of the advisory commission of the Council of National Defense, and served in other war-time capacities. Following the armistice, he headed a delegation of 25 Jews who visited the impoverished nations of Europe in anticipation of a campaign conducted by the American Jewish relief committee.

Preparing the Soil for a Building Harvest



AERIAL VIEW OF SITE OF NEW PUBLISHING HOUSE/

Picture Taken by Photographer of The Christian Science Monitor Shows The Mother Church, the Present Publishing House, and Two Buildings on Massachusetts Avenue Yet to Be Razed. These Are Included in the Marked Inclosure. At the Norway Street Corner Will Be the New Location of the Christian Science Reading Room.

Hungarian Women Seek World Unity

Special to The Christian Science Monitor

BUDAPEST—In the cause of international coöperation, nothing that can possibly be done must be left undone. This motto is to form the basis of operations of the Hungarian branch of the International Federation of University Women during the coming winter.

At the general meeting, held in the new hall of the Business and Professional Women's Club early in November, it was pointed out that Hungarian women must turn their faces toward the forging of stronger ties between the countries of Europe and the gaining of a clearer understanding of people who belonged to nations other than their own.

The coming winter will be devoted to lectures and demonstrations to outline to the working women of Hungary things which go to the building of a good state and a happier Europe. The president of the Hungarian branch of the federation, Dr. Emma Ritóok, resigned her post after many years of service. One of the late secretaries, Dr. Iréne Vida, has consented to act as proxy.

GUTENBERG BIBLE SOLD

Special from Monitor Bureau

LONDON — A Gutenberg Bible, perhaps the greatest prize the book-collecting world can offer, has within the last few days passed through Sothebys into the hands of a private book collector in this country. The price, which was not disclosed, was said to be in excess of $100,000.

ANDRÉ MAGINOT

PARIS, Jan. 7 (AP)—André Maginot, Minister of War, passed on here today. M. Maginot was a war veteran and came into prominence after the war. He had been Undersecretary of the War Ministry in 1913, but only for a brief period. He was first appointed Minister of War by former President Poincaré in 1922, after having been Minister of Pensions. He was credited with the development of France's frontier defenses, and it was due to his initiative that army maneuvers in recent years were conducted on a larger scale.

Russian Rye-Wheat Tried in Northwest

Special to The Christian Science Monitor

SPOKANE, Wash. — Constructive factors in the Russian situation were cutlined by Mr. Thomas T. Kerl of Coeur d'Alene, Idaho, who described himself as "farmer" in addressing the social science group attending the eighth annual meeting of the Northwest Scientific Association in Spokane on Dec. 29 and 30.

Dr. E. F. Gaines of Washington State College, who attended the International Soil Science Congress in Moscow, brought back a new rye-wheat hybrid seed developed by the Russians which he is now endeavoring to blend with northwest wheat.

"The new seed contains all the food characteristics of wheat and rpe," Dr. Gaines says. "It makes better bread than rye and is more hardy and more drought resistant than either wheat or rye."

Motion Pictures Held Teacher Aid

Special from Monitor Bureau

LONDON—Teaching history by motion pictures is an improvement on the traditional method of teaching, according to a report just issued by the Historical Association, in which Miss Frances Consitt compiled the findings of three years of experiments in schools of various grades.

The investigation is said to have shown that the film is particularly valuable for older children in senior and secondary schools, while pupils below the age of nine derive less advantage from the moving pictures than from oral lessons.

As regards the makeup of the film itself, tests have shown that interest centers on action rather than on setting. Films of historical novels are not recommended, and the expensive spectacular film is also thought likely to prove unsuitable. The investigation has shown the need for scenes arranged in a definite sequence and selected for the definite purpose of history teaching.

Spats and Canes Banned on Coast

Special to The Christian Science Monitor

VICTORIA, B. C.—As part of its campaign against extravagance in all public affairs, the British Columbia Government has ordered all its field workers in the department of agriculture to stop wearing spats and carrying canes.

These adornments, the Government holds, do not conform to the economical spirit of the times and annoy farmers who feel that government officials should not be better dressed than they. Announcement of the ban on spats and canes caused a sensation all over British Columbia and drew comment from other provincial governments in Canada.

Most newspapers insisted on treating it as a joke, but the Government declared that it was meant seriously, though not intended for publication.

CHILE EMITS 200,000,000 PESOS

SANTIAGO, Chile, Jan. 6 (By U. P.)—The Chamber of Deputy approved an administration measure yesterday authorizing the emission of 200,000,000 pesos ($24,000,000) in vouchers.

NEW ZEALAND SIGNS ITS FIRST TRADE TREATY

Dominion Makes Use of Right to Negotiate Its Own Agreements

Special to The Christian Science Monitor

AUCKLAND, N. Z.—New Zealand and Belgium recently signed a trade treaty at Wellington. This is the first treaty that New Zealand has negotiated directly with a foreign country under the latitude given to the British Dominions in this respect by the Imperial Conference of 1926. The treaty was signed by the Consul-General for Belgium in New Zealand, and by the Prime Minister and the Minister of Customs.

By the treaty New Zealand butter entering Belgium will be taxed at about 7 per cent ad valorem. Frozen lamb will be taxed about 11 per cent. The duty on fresh fruit is reduced from 3s. to 1s. a case. Tallow, hides, skins and New Zealand flax are to be admitted free.

New Zealand on her part agrees to duties on various articles that will be lower than those under the general tariff, but higher than those under the British preferential tariff. These articles include matches, tires, paper, cotton and linen piece goods, firearms and electrical machinery. The effect of the schedule is that, in respect to the goods named, Belgium is in a better position than countries on the New Zealand general tariff, but Britain will continue to enjoy a large margin of preference.

In 1930, New Zealand sent £200,000 worth of goods to Belgium and received £450,000 in exchange, apart from trade passing through Britain.

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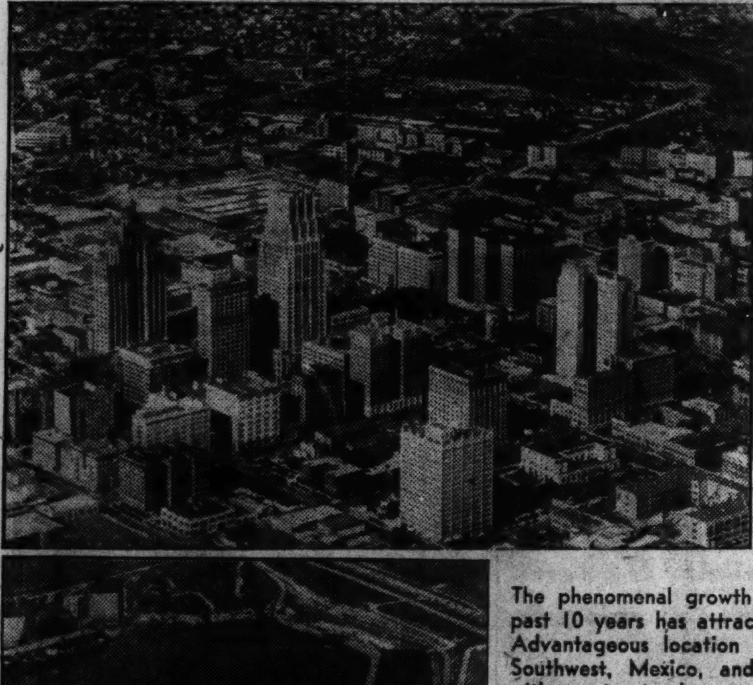
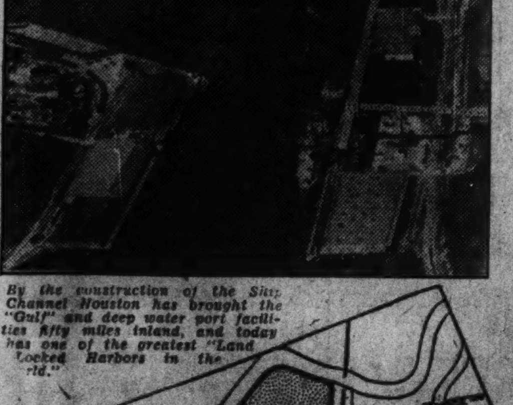


Recent Photo of Down Town Business District of Houston, Texas



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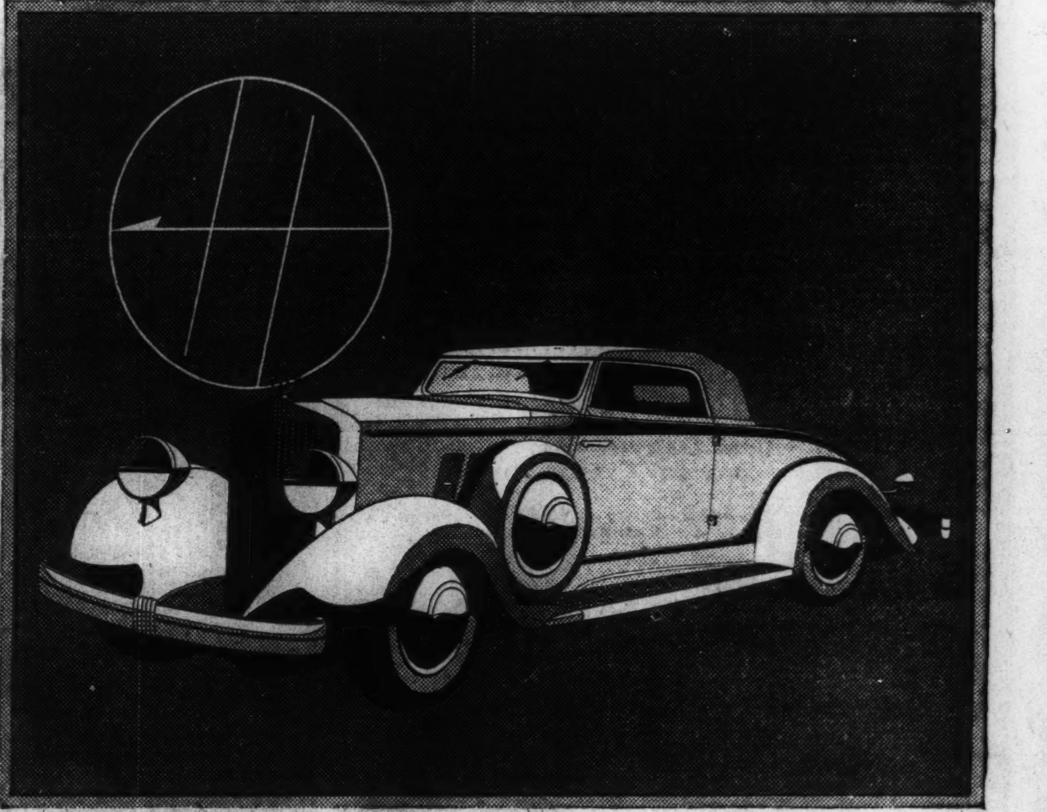

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PROHIBITION WILL ENDURE, ARCHER SAYS

Suffolk Law School Dean Says It Is Based on Sound Law Maxim

Special to The Christian Science Monitor

MALDEN, Mass., Jan. 7—Prohibition will endure because of the great basic law maxim that personal liberties which are dangerous to the welfare of the community must be restricted, stated Dr. Gleason L. Archer, dean of the Suffolk Law School, speaking last night on "Ancient Liberties and Modern Laws."

The history of law throughout the world from the beginning, he said, has proven that with the concentration of population in ever-enlarging communities, outmoded personal liberties must be forgone in exchange for civilization.

"The welfare of all the people, of the millions of sober men, women and children, far outweigh the selfish interests of those who traffic in degradation, or the self-indulgence of the lessening army of devotees of drink.

"Economic and humanitarian forces are at work in this field—forces quite beyond our clear comprehension. Struggle as we may against those forces, we must inevitably prove as powerless as were our ancestors to preserve the long list of ancient liberties that have vanished in the upward march of civilization."

Dr. Archer attacked politicians who "with tongue in cheek" have appointed unworthy enforcement officers to the extent that "since the liquor traffic has always been the silent partner of politics, it has so fully frustrated the efforts of enforcement and so encumbered it with graft and corruption that many former friends of prohibition are turning from it in despair."

"History is merely repeating itself," he said. "Whenever a nation comes to grips with sinister forces in society, there is bound to be a life and death struggle. The fainthearted always cry out that the struggle is impossible of victory for the desired reforms."

He believed that sooner or later the public will realize that safety on highways can only be attained by "limiting the privilege of driving an automobile to those who totally abstain from indulgence in alcoholic beverages."

Repudiation of Raskob Plan Forecast by Davis

The "home rule" plan for liquor control suggested by Mr. John J. Raskob, Democratic National Chairman, is "wringing wet and will be repudiated by Raskob's own party," according to Mr. Arthur J. Davis, state superintendent of the Anti-Saloon League. Mr. Davis further described the plan as "loose thinking, characteristic of wet politicians."

Mr. Orville S. Poland, attorney for the league, called Mr. Raskob's suggestion a "constitutional monstrosity," and pointed out that in effect it would mean going back to the old saloon. Mr. John C. L. Dowling, prominent dry Democrat, also claimed that "neither Democrats nor Republicans can bring back liquor without bringing back the saloon." He said each party must line up either behind or against prohibition.

PUBLIC WORKS CUT OPPOSED BY CURLEY

Gov. Joseph B. Ely's proposed curtailment of public works construction was opposed by Mayor James M. Curley, yesterday, on the ground that the ranks of the unemployed would be seriously increased. The sweeping economies Mr. Ely advised would necessarily prevent cities from borrowing outside their debt limit to sponsor work for unemployment relief, the Mayor declared.

The Governor's stand is an obstacle to Mayor Curley's plan to seek legislation to borrow outside the debt limit as a stem to unemployment. The Mayor believes that Boston's financial condition would permit the borrowing program. Among the Mayor's projects which he proposes to launch this year, which would require stepping above the debt limit, is the projected plan for a $15,000,000 subway extension from Park Square to Brookline Village.

NORTH CAROLINA CITY HAS CASH SURPLUS

ROCKY MOUNT, N. C., Jan. 7 (AP)—The city finances are in the best condition in years, for there is a sizable cash surplus on hand, the tax rate is the lowest in five years, there is no floating debt, and a sinking fund for the payment of bonded indebtedness is well in advance of legal requirements.

Mr. L. B. Aycock, city manager, and Mayor M. D. Dunn, formerly chairman of the finance committee of the Board of Alderman, reported a cash surplus for the city of $220,625.41.

SPRINGFIELD TO FACE BRUIN CUBS

The Bruin Cubs and Springfield Indians meet at the Boston Garden tonight in another Canadian-American Hockey League game that is likely to provide excitement. Both teams played last night, the Indians defeating the league leaders, Philadelphia, and thereby ended the Arrows' winning streak; but the Cubs, after establishing a two-goal lead, lost out to the Bronx Tigers in New York, 5 to 3.

Coach Frank Carroll is having difficulty with his Springfield champions this season, being unable to replace the vacancy on the defense left by Earl Seibert when the latter went to Rangers. Another weak spot for the Indians is center ice. The Cubs, too, have been hit hard, with Eddie Burke, powerful right winger, now with the Bruins.

Although the Cubs do not look as strong as last year, probably due to the increased strength and balance throughout the league, their games at home have attracted greater followings each night and the crowds are rapidly approaching the numbers to attend the Bruin encounters. Springfield and Boston are all even in games played this season, each having won one and tied one, the Cubs winning the opener in Springfield, 4 to 2, and tying the next, 4 to 4, in Boston; and the last contest, played in Springfield, was won by the Indians, 3 to 1. It is possible that Alfie Moore, Indian regular goaler, may be replaced by Harvey Stone, who played the net last night, and Joe Jerwa, Cub defenseman, may be out of the game by suspension.

MUSEUM FOR GEMS AND METALS URGED

Formation of a Boston museum "in which samples of precious metals as well as precious stones of the greatest value might be safely exhibited daily for the general public" was urged yesterday by Mr. George F. Kunz, New York gem expert, in addressing the New England Historic Genealogical Society.

"Then Harvard University Museum should be induced to lend the Boston museum some of its rarest and most beautiful exhibits in order that children and adults, local residents and visitors, might benefit from the study of them," Mr. Kunz declared.

In Mr. Kunz's talk on "Precious Stones," he pointed out that the Harvard museum possesses the finest collection of tourmalines and of crystalized gold in America.

WEATHER

U. S. Weather Bureau Report

Boston and Vicinity: Fair and colder tonight and Friday; moderate west or northwest winds; minimum temperature tonight near 34.

All New England States: Generally fair and colder tonight and Friday.

Atlantic coast, north of Sandy Hook: Moderate winds, mostly north and northwest, and generally fair weather tonight and Friday.

Official Temperatures

	A	B		A	B
Atlantic City	54	56	Montreal	38	44
Bismarck	10	14	Nantucket	50	52
Boston	55	58	New Orleans	50	58
Buffalo	36	58	New York	54	60
Calgary	14	26	Norfolk, Va.	62	68
Charleston fl.	66	72	North Platte	22	32
Chicago	30	40	Philadelphia	56	62
Cincinnati	30	56	Phoenix, Ariz.	32	58
Denver	22	40	Pittsburgh	34	64
Eastport, Me.	48	48	Portland, Me.	46	50
Hatteras	64	64	Raleigh	62	64
Honolulu, T.H.	..	76	St. Louis	32	38
7 p.m. Jan. 6	70	..	St. Paul	16	28
Helena, Mont.	34	36	Salt Lake City	26	34
Huron, S. D.	10	16	San Francisco	52	58
Jacksonville	64	76	SantaFe, N.M.	8	26
Kansas City	22	36	Seattle	44	44
Key West	72	78	Tampa	64	78
Los Angeles	50	64	Washington	52	62
Memphis	38	44	Wichita, Kan.	26	38
Miami, Fla.	72	76	Williston, N.D.	6	16

A—8 a. m. eastern standard time Jan. 7.
B—Maximum Jan. 6.

High Tides at Boston

Thursday 11:04 p. m., Friday 11:14 a. m.
Height of tides 8.6 feet, 10.3 feet.
Light all vehicles at 4:58 p. m.

South Africa Gains Fame as Winter Playground

A GROUP OF SPORTS ENTHUSIASTS ON AN OUTING NEAR WORCESTER

South African Skiers Trace Patterns On Snow of 'Mount of Little Fountains'

Special to The Christian Science Monitor

WORCESTER, S. Af.—A successful season of skiing and tobogganing on the snow-clad slopes of Fonteintjiesberg plateau, in the mountain above Worcester, has this year established South Africa as another of the world's winter sport playgrounds.

Most of the civilized world was enjoying summer sports when in May—early winter in South Africa—a fairly heavy fall of snow attracted a large party of enthusiasts to trace their ski and toboggan patterns on the glistening snow of the "Mount of Little Fountains." The summit of the plateau in the heart of the Hex River Mountains, undulates for several square miles at heights varying from 6200 to 6500 feet above sea level.

Tests were carried out two winters ago by a South African student, who had learned skiing in Switzerland. Later he was accompanied by two Scandinavian ski experts, who reported favorably on the new playground.

This year jumping platforms were constructed and skiers found they could enjoy as much as 1½ miles of unbroken running. With a heavy fall of snow one would be able to ski from the summit of the Fonteintjiesberg plateau for three miles down to Disa Dell without a break. Disa Dell is an ideally situated camping base, at an altitude of 4500 feet, and at a point well within the snow belt, after a normal winter snowfall. It is well protected from the heavier storms by high ranges on both sides. A stone and concrete mountain but has been built at the Dell, with sleeping bunks, lockers for skis and a kitchenette.

About 100 boys from the Worcester High School assisted in the building of the rest hut, each boy having carried a piece of timber from the base of the mountain to the hut side.

Snow frequently falls on this plateau in April, and usually in May, and after a heavy fall in early midwinter skiing would be possible up to September. Apart from winter sports, the Worcester mountains possess many regions of mystery and romance never yet penetrated by man, and several peaks of more than 6000 feet still wait to be conquered.

EVENTS TONIGHT

Japan Society of Boston: New Year's reception in honor of Japanese residents in Boston; address, "Japan and China in Manchuria," by Mr. Willis J. Abbot, American Academy of Arts and Sciences, 28 Newbury Street, 8.

"Artists' Night," for Salon of Applied Arts; talks, "The Rudiments of Etching," by Miss Mae B. Brown, and "The Aspects of Art," by Mr. E. G. Morris; home of Mr. and Mrs. Joseph A. Broussard, 176 Trapelo Road, Belmont, evening.

Harvard University: Lecture in Spanish, "Vida y Actividades de los Universitarios Chilenos," by Mr. Salvador Dinamarca, auspices El Circulo Español, parlor, Phillips Brooks House, 8.

Y. W. C. A. (140 Clarendon Street): "Music of the Dance," presented by Miss Julia Thrasher, Miss Helen Dauncey and Mrs. Sarah G. Solomon; open to public, 7.

Jewish Women's College Club of Boston: Meeting, address, "America, Land of Opportunity," by Mrs. Emma Fall Schofield; musical program; Women's Republican Club, 46 Beacon Street, 8.

City Club of Boston: Address by Prof. Sidney B. Fay, History Department, Harvard, on "The Political-Economic Situation in Germany and Its Relation to the United States," auditorium, 14 Somerset Street, 7:30.

Y. M. C. A. (Huntington Avenue Division): Meeting, Dolphins Club, Room 2, 8. Meeting, Pals Club, Room 2, 7.

Boston Public Library: Talk, "The London That Dickens Loved," by Miss Florence Smith, lecture hall, Boylston Street, 8.

Women's City Club of Boston: Dinner, Prof. Henry W. L. Dana, "With Shaw in Moscow," clubhouse, Beacon Street, 6:30.

Meeting, Willis Literary Society, private room, Copley-Plaza Hotel, 7.

Dinner and meeting, Memorial Craftsmen of New England, Hotel Statler, 6:30.

Theaters

Shubert—Fred Stone in "Smiling Faces," 8:15.
Wilbur—"Three Little Girls," 8:15.
Plymouth—"Mrs. Moonlight," 8:15.
Copley—"This Thing Called Love," 8:30.

EVENTS TOMORROW

Boston Museum of Fine Arts: Enjoyment of pattern, Mrs. Sayward, 11.

Copley-Plaza Hotel: Meeting, Howell Whist Club, [illegible]; Rehearsal, Choral Society, Swiss Room [illegible]; Breakfast, 8, and luncheon, 1, Eastern Steamship Lines.

MacDowell Club: Concert by auxiliary, 1 Arlington [illegible]

Women's [illegible] Club of Massachusetts: Luncheon, [illegible] Arthur M. Hyde, guest speaker, [illegible]room, Copley-Plaza Hotel, 12:30.

Department of Woman's Work, Massachusetts Congregational Conference and Missionary Society: Meeting, Prof. Davidson Don Tengo Jabuvi, Bantu professor at South African Native College, speaker; Pilgrim Hall, 14 Beacon St., 10:30.

Publicity Group, Boston Council of Social Agencies: Luncheon meeting, speaking program, Twentieth Century Club, 3 Joy Street, 12:30.

Harvard University: University tea for officers of university, and students, Faculty Club, Quincy Street, 4 to 6.

Radcliffe College: Reception for homecoming of Dr. Ada L. Comstock, president.

Exhibitions

Museum of Fine Arts, Huntington Avenue—Admission free. Open weekdays except Mondays from 9 to 4, Sundays 1 to 5. Free guidance in the galleries every day except Monday at 11 o'clock. Special exhibitions. Modern French paintings, lent by John T. Spaulding; loan exhibition of sporting prints, Durer's "Life of the Virgin" and other sixteenth century German woodcuts. Drawings of the sixteenth century French school.

Isabella Stewart Gardner Museum, Fenway Court—Open Tuesday, Thursdays and Saturdays, 10 to 4, admission 25c; Sundays, 1 to 4, admission free.

Schervee Studios, 665 Boylston Street—Water colors and color prints of Spain by Wilfred Wood of London. Also generalized print display.

R. C. Vose Galleries, 559 Boylston Street—Old English and Continental Masters. Through Jan. 23.

Grace Horne Galleries, 446 Stuart Street—Water colors and paintings by Boston artists, including Whorf, Woodward, Musgrave, Chaffee and Papper. Modern prints.

Casson Galleries, 575 Boylston Street—Original wood block prints in color of Oriental subjects, by Elizabeth Keith.

Doll & Richards Galleries, 138 Newbury Street—Recent water colors by Charles Hopkinson. Through Jan. 12.

Twentieth Century Club, 3 Joy Street—Paintings by J. Eliot Enneking. Through Jan. 21.

Boston Architectural Club, 16 Somerset Street—Memorial exhibition of the new water colors and sketches of J. A. Schweinfurth.

For other exhibitions see Monday's Monitor

Here's a 'Blue-Faced Booby'—It's a Bird; Tickle Its Neck and It Gives Up Fish

The blue-faced booby, which hatches its eggs on its broad webbed feet and serves as an unwilling but highly efficient fishnet for the fishermen of Ecuador, was described last night by Dr. Robert Cushman Murphy, of the American Museum of Natural History, of New York, at the meeting of the Boston Society of Natural History. The lecture, which was illustrated with lantern slides, was the first of a series this year.

The booby, a large and rather grotesque sea bird, catches flying fish. The Ecuadorians, knowing this, wait until a bird returns to its nest with its large crop full of flying fish, and then by tickling its throat persuade it to disgorge the fish, fresh and suitable for the fishermen's needs.

The booby incubates its eggs on its feet, and the young birds, after hatching out, spend most of the time sitting on the feet of their parents. The quaint custom is not practiced by the blue-footed booby, another species.

Investigators tried the experiment of exchanging the young, but nobody but the experimenters were pleased. The young blue-faces insisted on climbing onto the feet of their embarrassed blue-footed foster parents, while the young blue-foots scandalized the blue-faced adults, into whose nest they had been smuggled, by declining to take the footroom offered.

Dr. Murphy also described the peculiarities of weather in Ecuador, noting that in some sections it rains only once in seven years. He said inhabitants of these regions can see, a few miles off, the storms of the rainy season in the wet belt, which lasts five months each year.

TRAFFIC LIGHTS ON DRIVE

Further elimination of traffic hazards on Memorial Drive and Soldiers Field Road along the Charles River is expected with installation of traffic lights on each side of the Larz Anderson, Western Avenue and River Street Bridges. Several of the lights, including those on the Brighton side of the Larz Anderson and River Street Bridges, are now in operation and the remainder will be put into use within a week or two.

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Friend's beans are real Boston baked beans . . . prepared in the approved Boston manner. They are baked in pots in old-fashioned brick ovens all day long till they are rich brown in color and have a full flavor impossible by any other process of cooking.
You'll never know how good beans can be till you've tried Friend's. Serve Friend's brown bread with them, and you have a perfect Saturday night combination.
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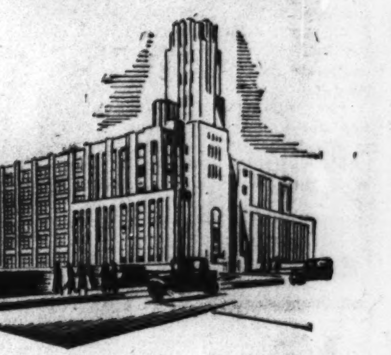
"PRAY CITY"
Showed Steady Growth in 1931

A Section of PRAY CITY—on Jan. 1, 1931
In foreground: United Shoe Machinery, Park Square and First National Bank Buildings.

Sketched:
Atlantic National Bank
Herald-Traveler
Wellesley College Administration Bldg.
Western Electric
—a few of the many buildings added to PRAY CITY in 1931.



If all the buildings and homes and institutions in New England with floors of linoleum, rubber tile or asphalt tile installed by Pray's were gathered together, you would have PRAY CITY.
In it you would find the most powerful banks, the greatest publishing and industrial plants, huge administration buildings for mighty corporations, magnificent churches, as well as dominant office structures and beautiful homes.
And, also, you will find that PRAY CITY went forward during 1931, because experienced architects and contractors rely on Pray, now, as they always have.
Goodrich RUBBER TILE
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AMERICAN BOOK DISTRIBUTION IS CALLED FAULTY

Cheney Report Urges Unit of Conservation, Aided by Government

Special from Monitor Bureau

NEW YORK, Jan. 7—Management of the American book industry and the average editorial policy of publishing houses are severely criticized by Mr. O. H. Cheney in a report yesterday, representing a study of 15 months. The report is sponsored by the National Association of Book Publishers.

The 150,000-word survey, which finds weaknesses in nearly every link of book distribution, with publishers and booksellers both losing money without knowing why, recommends constructive measures. It proposes an educational conservation council, aided by the Government to encourage systematic reading and coöperation between publishers and other forces of education in behalf of a series of lectures designed to inspire universal interest in books.

Publishers in the main take issue with the findings of the survey. They hold that books are "personal, unique products," and that they they should not be judged by the same standards as purely commercial products. One publisher insisted that 95 per cent of the books published are worthy of publication. The other books are, he said, subject to controversy, so they are published to give the reader and the author the benefit of the doubt.

There was a general feeling that in the correlation of the facts of the publishing business as a basis to aid in ascertaining what will form a good and a bad policy, the survey warranted the closest study.

Hope that any book may have a phenomenal sale which will justify its publication, and poor list-making, are declared by the report outstanding among the misfortunes of the book industry. Bad selection of books is indicated by statistics to be the reason why 75 per cent of the new-book income comes from the sale of approximately 10 titles, and less than half the average list produces nearly 90 per cent of the income.

In fiction, while nine books in ten sell more than 1000 copies in their first year, only five in ten sell more than 4000 copies, two more than 10,000 and one more than 20,000, the report continues. The risk is even greater in non-fiction sales, only six in ten selling more than 1000, two selling more than 3000 and one more than 20,000. The industry, making no effort to analyze the potential market for books, has no premise, the report holds, for "sensible predictions."

"Facts are the only basis for management in publishing, as they must be in any field," the Cheney survey holds. "In that respect, the book industry is behind many others. The publishing industry, like American business, is 'fundamentally sound,' but, unlike business in general, it cannot stay sound forever unless something is done to rehabilitate it."

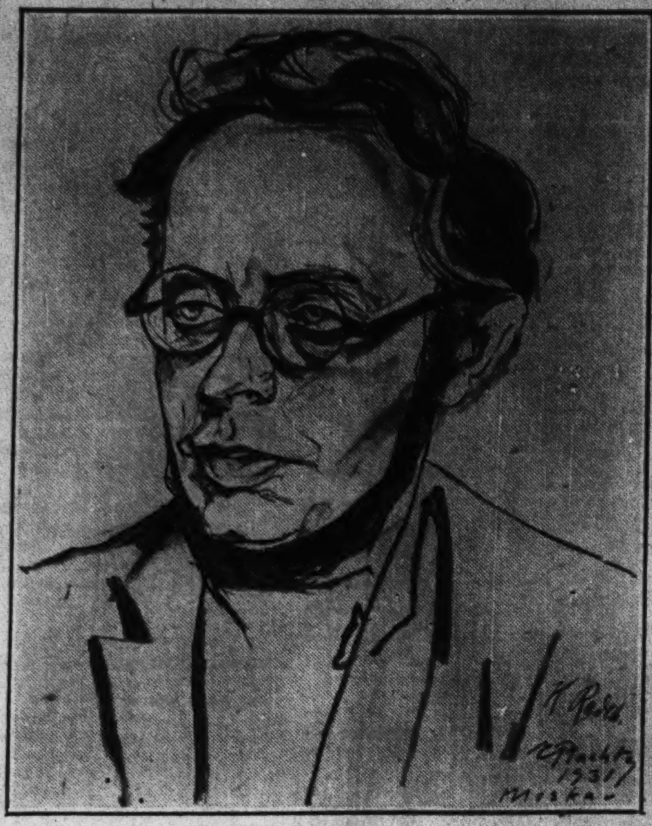
Weaknesses in the system of distribution are taken up exhaustively in the report, which declares the first to be "the abdication of the publisher from his merchandising duties at the time when they are most essential." This, together with inefficiency of management of individual stores, is held chiefly responsible for the plight of the booksellers.

The report does not regard the bookclubs as a "menace" to the public taste of the bookseller, but holds that "they are not helping appreciably to widen book distribution and have probably reached the limits of their economic and operating development."

In so far as literary critics are concerned, examination of 1733 reviews in 67 reviewing publications showed, the report states, that only 31 had received unqualified disapproval, while 726 had received unqualified approval, the remainder getting noncommital notice.

The first step in the rehabilitation of the book industry, the report holds is to meet "the problem of retaining for the book market the thousands of citizens taught to read in schools, who never thereafter become book buyers—the salvaging of potential readers." This can be worked out, it continues, "only on the basis of conserving the results of our educational system on which the public spends so many millions of dollars."

Moscow's Trenchant Scribe



KARL RADEK

Sketch of Outstanding Soviet Journalist, Whose Pungent Pen, After a Brief Lapse, Has Swung Round Whole-heartedly to the Cause of the Powers That Be. This Is the Tenth of a Series of Pictures, Drawn by Fräulein Erna Plachte of Berlin, Which The Christian Science Monitor Is Printing From Time to Time, Giving the Artist's Impressions of People and Places, as Sketched in Highways and Byways of Soviet Russia.

Special to The Christian Science Monitor

MOSCOW—After an eventful career which had its full share of ups and downs, Mr. Karl Radek today has firmly reëstablished his position as the outstanding Soviet political journalist.

Mr. Radek is an Austrian by birth, an active member of the left wing of the pre-war Socialist International, who came to Russia with Nicolai Lenine in 1917, and since that time has cast in his lot with the Russian Communist movement.

Mr. Radek was arrested at the time of the revolutionary disorders in Germany in 1919, but was soon allowed to return to Russia in exchange for some prisoners whom the Soviets were holding. He was a constant contributor to the Soviet press and a prominent figure in the Communist International until 1923, when his star began to pale as a result of his sympathy with Leon Trotzky.

After 1923 he was removed from responsible work in the Communist International. For some time he held the post of rector of the Sun Yat-sen University, established in Moscow to give revolutionary training to Chinese students. But, like Trotzky, he suffered expulsion from the party and exile in the winter of 1927-1928.

Unlike Trotzky, however, he ultimately recanted his oppositionist views; and during the last two years has been a constant writer on international political and economic subjects. He is known for his acidly witty style and for his fund of political, historical and economic erudition.

ELECTRIC LIGHT OPENS NEW WAY TO RAISE GRAIN

Wheat Crosses Produced Two Years Quicker by Australian Plan

Special from Monitor Bureau

MELBOURNE, Vic.—Successful experiments in the use of electric light in speeding up the growth of wheat plants are being continued at the Victorian state research farm at Werribee, near Melbourne. The results are proving of practical value in wheat raising and in the introduction of varieties from other countries.

Ordinarily 10 years are required to produce new cross-bred wheats, from the time of cross fertilization until distribution to the farmer. By inclosing the plants in a cage suitably illuminated with electric light it is possible to grow the first three generations of plants in one year, and thus reduce the total time by two years.

Sometimes late varieties possess qualities, such as size of head or grain, which it is desirable to introduce into early varieties. As these two types will not flower at the same time, it is often impossible, without artificial aid, to cross them. The use of electric light at a suitable time makes it possible to hasten the development of the late types sufficiently to allow the cross to be made.

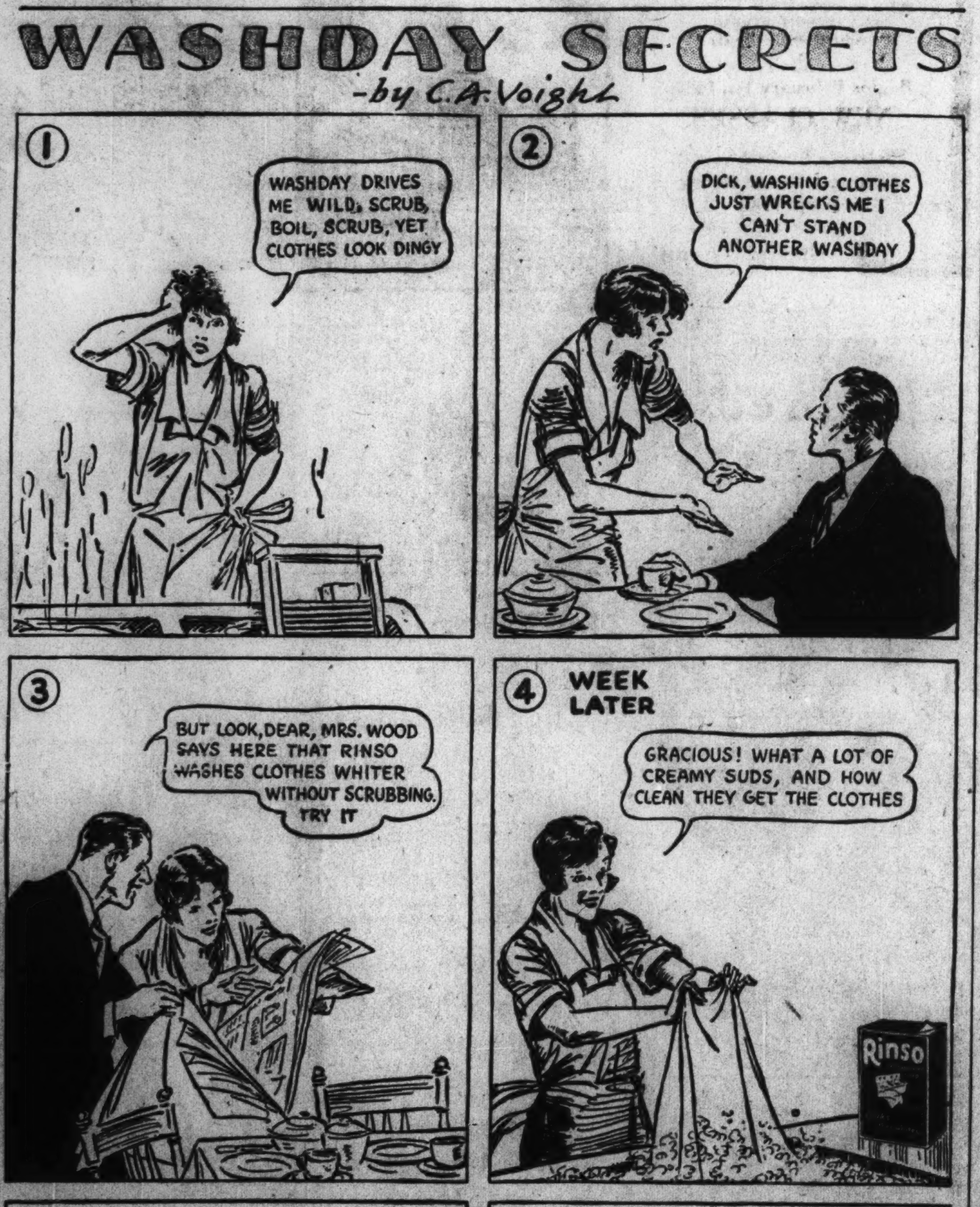
The Australian experiments were begun by Professor Wadham in 1929 as a result of observations on the growth of Australian varieties of wheat in England, and of English varieties introduced to Australia. The Australian varieties in England, Professor Wadham noticed, produced very short, pale shoots, with early heads. On the other hand, English varieties in Australia remained immature and green until late in the season, and were thus adversely affected by the hot winds in November and December.

Experiments showed that the period of light which the plant received daily had an important effect on its development. By increasing the daily "daylight" period with weak electric light, it was found, the maturity could be hastened. Similarly, by inclosure of the plants in a specially constructed box, limiting the period of daylight, the growth could be retarded.

AYR STUDENT WINS PRIZE

Special to The Christian Science Monitor

GLASGOW—Mr. James Carrick of Ayr, a student of the Glasgow School of Architecture, has received the Alexander Thomson Traveling Scholarship, which is awarded once every three years for the study of ancient classic architecture as practiced prior to the third century A. D.


WASHDAY SECRETS
-by C.A. Voight
①
WASHDAY DRIVES ME WILD, SCRUB, BOIL, SCRUB, YET CLOTHES LOOK DINGY
②
DICK, WASHING CLOTHES JUST WRECKS ME I CAN'T STAND ANOTHER WASHDAY
③
BUT LOOK, DEAR, MRS. WOOD SAYS HERE THAT RINSO WASHES CLOTHES WHITER WITHOUT SCRUBBING. TRY IT
④ WEEK LATER
GRACIOUS! WHAT A LOT OF CREAMY SUDS, AND HOW CLEAN THEY GET THE CLOTHES
Rinso

⑤
I'M SO HAPPY, DICK, LOOK AT THESE LOVELY WHITE CLOTHES AND I DIDN'T SCRUB A BIT. RINSO IS GRAND
AND

How bright the colors come...from these safe suds!

RINSO not only washes clothes clean and white, but washable colored things come bright and new-looking—*safely*. This modern "no-work" way saves clothes from being scrubbed threadbare; saves your strength, too.

Cup for cup, Rinso gives twice as much suds as lightweight, puffed-up soaps—*even in hardest water*. No bar soaps, chips or softener needed. The makers of 40 leading washers recommend Rinso. Get the BIG handy household package. You'll like Rinso's creamy suds for dishwashing and all cleaning.

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thanks Monitor Readers for a Prosperous 1931

For you who helped us through a successful 1931, we have designed some stunning new 1932 handbags for your resort and town costumes. Many of them are our famous and exclusive "Slipcover" models . . . others are made of smart rough fabrics, still others of new leathers.

You can find them in your favorite specialty or department store (look for the Virginia Art label inside of every bag) or write directly to us and we'll send you an illustrated brochure. When you're in New York be sure to visit our charming Old Virginia shop at 303 Fifth Avenue.

Virginia Art Goods Studio, Inc.
LYNCHBURG, VA.

LOOKING FORWARD

"I have more faith in America today and more expectation for the future than at any time in my sixty years as merchant . . "

John Wanamaker

September 28, 1921

The 1921 faith of the Founder is our faith today.

AS THE business days for 1931 were drawing to a close it seemed fitting to us we should take an inventory of the past days, and months, and buckle our armor for the future.

Notwithstanding all the actual trials of depression during the past year, experienced, or alleged, we have come through the roads of dust, and discomfort, to the open fields of expected vision, and clear skies.

Our business has been simply wonderful considering what might have been expected from the dire distress talk, and whispering gossips of some people alleging themselves to be true forecasters of the times. We believe . . . and hope . . . this may be true of many others.

"WATCHMAN TELL US OF THE NIGHT, WHAT ITS SIGNS OF PROMISE ARE"

We believe the advent of the New Year 1932 holds in store for all of us many signs of encouragement.

There is just as much water in the Oceans, just as many Mountains, Lakes and Valleys, with fine views and rippling crystal streams, as ever. Just as many Stars in the Firmament with the Sun and Moon looking down upon us as ever.

Why be disturbed . . . why cast down . . . why discouraged?

Under Divine guidance it all lies within ourselves for improvement over our present conditions. We believe in the future. We believe in the integrity, industry and loyalty of our people for the support and continuance of all our Institutions whether Economic, Social or Political. We have faith, and believe, in our public men and women, and have confidence in our National future and stability . . .

We believe and have faith in our American Institutions and Industries.

OFFICE OF THE PRESIDENT
JANUARY 1, 1932

JOHN WANAMAKER
PHILADELPHIA NEW YORK

MIAMI'S FOURTH ALL-AMERICAN AIR MEET IS ON

Sky Is Filled With Planes as Contests and Races Get Under Way

Special to The Christian Science Monitor

MIAMI, Fla., Jan. 7—Miami's "greatest show on earth," the fourth annual All-American Air Meet, is on. The brilliant skies of America's "Riviera" are filled with planes and heavier-than-air machines of every size and type—army, navy, national guard, marine and private, and the meet, continuing through Saturday, promises to outstrip all previous affairs of its kind in scope and accomplishment, officials declare.

Close competition is expected for the trophies, which include cups from France and Ecuador; the Sir Charles Orr, Bahama Islands trophy; the Colone Green Star Island cup; the Glenn Curtiss trophy; one from Cincinnati; and a silver sombrero from Mexico. Prizes valued at $10,000 will be awarded in races including free-for-alls, bomb dropping, dead-stick landing stunts and parachute drops.

For the first time here two races are scheduled for women, one for planes under 500 cubic inches and one for larger machines. There also will be daily exhibitions of stunt flying, with Mrs. Freddie Lund as one of the judges in the stunt contest for the Freddie Lund Memorial trophy.

Autogiros also will be permitted this year for the first time to compete in the spot landing and bomb dropping contests.

As in the previous event both the five-mile and 10-mile triangular race courses are in full view of the spectators at all times.

As a part of the opening activities, the United States Navy today dedicates its new dirigible base, a three-mile square field in the section known as Opalocka. A mooring mast capable of snubbing even the 700-foot Akron soon will rise here and plans have been made for a huge hangar to cost about $2,000,000.

Only a year ago the Navy Department dedicated the first naval field here, the Naval Aviation and Marine Base, which now is considered one of the navy's finest plane bases. Altogether there are 1700 acres in Miami used for aviation alone, bringing an annual income of about $1,000,000, and giving employment to about 100 persons.

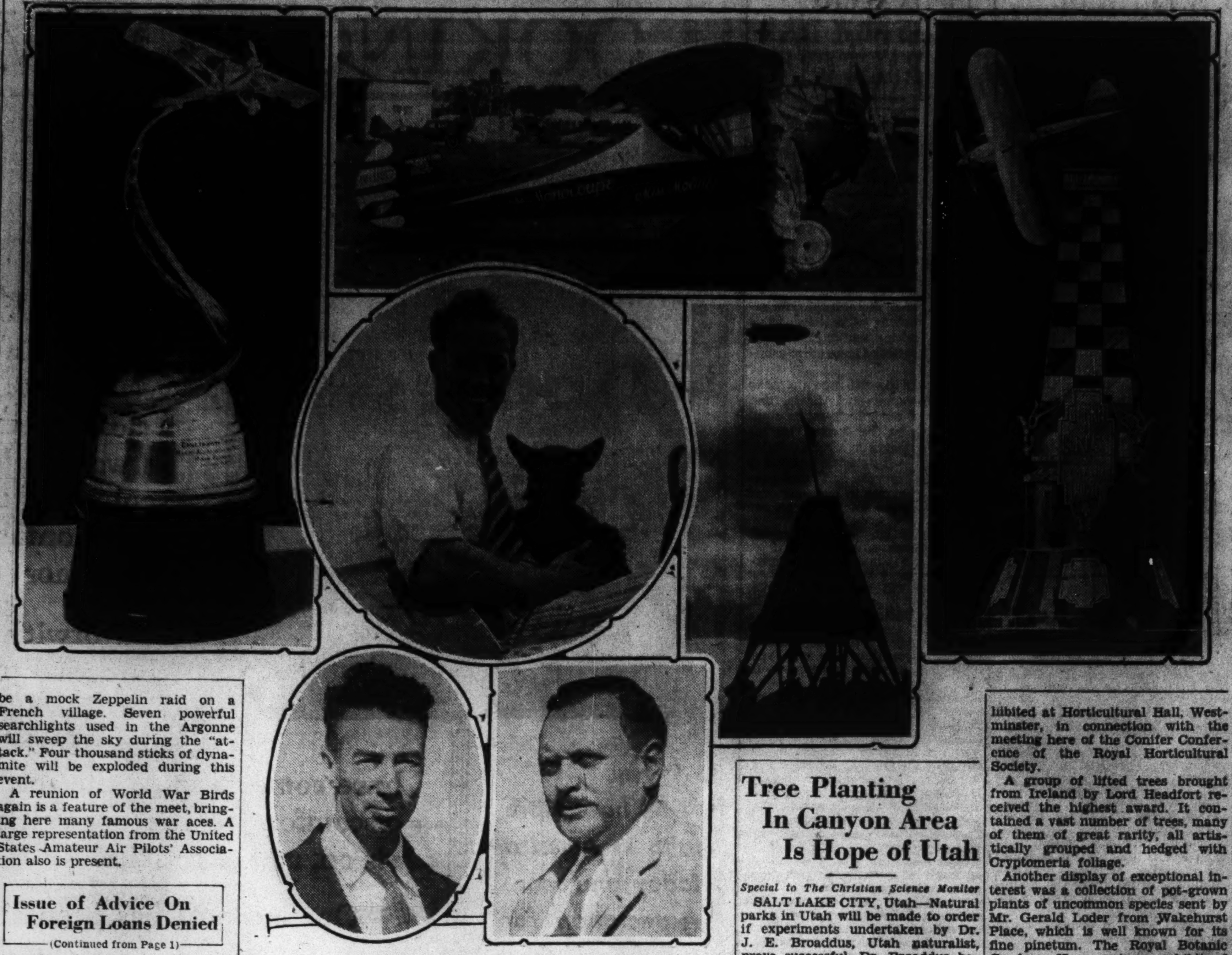
Besides the government aviation activities here, private enterprises add greatly to Miami's importance as an air center. The races are held at the Municipal Field.

Among the spectacular events of the meet will be a night show in which antiaircraft units from the coast guard battery at Fort McClellan, Alabama, and from Fort Barrancas, Pensacola, Fla., will participate. The searchlights and sound equipment also will be used in other day and night maneuvers during the meet.

A feature of the night show will be a mock Zeppelin raid on a French village. Seven powerful searchlights used in the Argonne will sweep the sky during the "attack." Four thousand sticks of dynamite will be exploded during this event.

A reunion of World War Birds again is a feature of the meet, bringing here many famous war aces. A large representation from the United States Amateur Air Pilots' Association also is present.

Florida Skies Note Aviation's Year of Progress



Upper Row, Left to Right—Cincinnati Trophy for Winner of 225-Horsepower Race; Phoebe Fairgrave Omlie and the Warner Monocoupe; the Glenn H. Curtiss Trophy. Center Row, Left to Right—Capt. Frank M. Hawks and "Speed"; Dirigible Flying Over Pylons of Race Course. Lower Row, Left to Right—Mr. A. H. Heermance, Miami Director of Aviation; Mr. Lew Sevier, Chairman of Contest Committee.

Issue of Advice On Foreign Loans Denied

(Continued from Page 1)

tion, passed informally to American bankers the desire of the Government to be informed on any contemplated loans.

In order to clarify the Government's purpose and to establish uniformity of procedure, the Department of State on March 3, 1922, issued the public announcement requesting that communications regarding loans which bankers proposed to issue should be in writing and addressed to the Secretary of State.

The procedure of consultation between the various interested branches of the Government has varied slightly from time to time, as well as the range of lending activity of which the department has wished to take notice, and the phrase employed in replying to bankers, the communication says.

The fundamentals expounded in the first public notice have remained fully in force, and continue to represent accurately the basis, the purposes and the limitations of the department's practices.

That a sharp warning that all loans to Germany be carefully scrutinized before they were issued and that the buying public be informed of the exact status of German credit was sent out to American bankers five years ago was brought out today by the Senate Finance Committee.

"If warning like that had been included in advertisements of all issues it would have had a very, very salutary effect," declared Senator Hiram Johnson (R.) of California, who is leading the committee's investigation of the flotation of foreign bonds in this country.

Swan on Stand

Mr. Johnson termed the State Department's letter a "remarkable communication," and said it was the duty of every banker to tell his clients exactly what the State Department said in regard to German loans. None of the bankers that have appeared before the committee during its investigation has admitted receiving the letter.

On the stand at the time Mr. Johnson produced the letter was Mr. Joseph R. Swan, president of the Guaranty Company, of New York, a subsidiary of the Guaranty Trust Company. Mr. Swan could not recall whether his company ever received the State Department's letter but said he "remembered something of the sort." He said he did not think the warning applied to any loans made by his company to Germany since they were all made for productive purposes.

Since the State Department's letter was issued, the Guaranty Company has issued a $5,000,000 loan to the Hanson Steamship Company, a German concern, and $575,000 to the State of East Prussia. Mr. Swan said that the State Department had offered no objection to either of these issues. Both, he said, had been carefully scrutinized to make sure that the proceeds would be used in productive work and that the borrower had access to foreign exchange to pay the loan. He added that he believed neither of them would have met disapproval from Mr. S. Parker Gilbert, who also issued a warning against over-lending to Germany in 1927.

Mr. Swan told the committee that his company in the last 12 years has participated in foreign bond issues totaling $5,500,924,000. The total profits from these loans, he placed at $13,061,000. Of the total loans, the Guaranty Company, he said, originated a total of $540,686,000.

The letter by which Mr. Frank B. Kellogg when Secretary of State attempted to check the flow of loans to Germany, read to the committee, said:

"Since the flotation of the German international loan provided for by the Dawes plan, offerings of German loans in the American market have aggregated, according to the information before this department, more than $150,000,000. And it appears that a considerable volume of additional German financing is now under contemplation. In addition to the public offerings referred to above, the department is informed that a large amount of private bank and commercial credits have been extended to German interests during the past year.

"In these circumstances the department believes that American bankers should examine with particular care all German financing that is brought to their attention with a view to ascertaining whether the loan proceeds are being used for productive and self-supporting objects that will improve directly or indirectly the economic condition of Germany and tend to aid that country in meeting its financial obligations at home and abroad. In this connection I feel that I should inform you that the department is advised that the German federal authorities themselves are not disposed to view with favor the indiscriminate placing of German loans in the American market, particularly when the borrowers are German municipalities and the purposes are not productive."

Disclosures before the Committee that the State Department indirectly approved a $23,000,000 loan to Bolivia because diplomatic relations were already "a little upset" led Senator Carter Glass of Virginia to declare last night that "the State Department is morally responsible for every dollar lost on these investments."

Mr. Glass said that he had pointed out to Congress two years ago that the department was engaging in "this lawless procedure." The Senate, he recalled, at that time adopted a resolution calling on the Secretary of State to say by what right the department assumes to approve or disapprove loans.

"The Senate passed a resolution calling upon him to desist," he declared. "Mr. Stimson practically said the next day that he was going to ignore the Senate's action. The State Department is morally responsible now."

ARGENTINA FILES PROTEST

By the United Press

MONTEVIDEO, Uruguay, Jan. 7—The Argentine Ambassador, Señor Cantilo, has lodged a formal protest with the Foreign Office here against the activities of deported Argentines in Uruguayan territory, among whom it was believed the recent uprising in the Province of Entre Rios was organized.

Tree Planting In Canyon Area Is Hope of Utah

Special to The Christian Science Monitor

SALT LAKE CITY, Utah—Natural parks in Utah will be made to order if experiments undertaken by Dr. J. E. Broaddus, Utah naturalist, prove successful. Dr. Broaddus believes that trees can be grown from seeds in Utah canyons, provided varieties suited to the climate are selected.

With the view of determining the feasibility of his plan, Dr. Broaddus last fall supervised the planting of 2400 seeds in selected sections of the State. The planting was conducted by the Wasatch Mountain Club and the Girl Scouts, and included: horse chestnut, black walnut, hickory, butternut, honey locust, black locust, sycamore, sycamore maple, Norway maple, sugar maple, silver maple, catalpa, linden, American elm, and English walnut.

"There is no reason why vast natural parks cannot be planted, once we find which varieties of trees respond to our climatic conditions and altitude," said Dr. Broaddus. "The planting is simple and can be done quickly with little expense."

The current experiments of Dr. Broaddus are being conducted on the watersheds of Salt Lake City, with the view of launching intensive reforestation, if experiments are successful.

Lifted Trees Win London Show Prize

Special from Monitor Bureau

LONDON—What is believed to be the most comprehensive collection of conifers ever assembled was exhibited at Horticultural Hall, Westminster, in connection with the meeting here of the Conifer Conference of the Royal Horticultural Society.

A group of lifted trees brought from Ireland by Lord Headfort received the highest award. It contained a vast number of trees, many of them of great rarity, all artistically grouped and hedged with Cryptomeria foliage.

Another display of exceptional interest was a collection of pot-grown plants of uncommon species sent by Mr. Gerald Loder from Wakehurst Place, which is well known for its fine pinetum. The Royal Botanic Gardens, Kew, sent an exhibit of tender conifers not shown elsewhere, such as species of Podocarpus, Agathis, Callitris, Cephalotaxus and Araucaria. The best of many exhibits was staged by Messrs. Hillier and Son, who received a gold medal. Their group contained more than 300 kinds of conifers. Perhaps the most noteworthy plant was a fine specimen of Abies squamata, which throws off the outer layers of its bark like a birch.

Chicago Women Prove Success Of Coöperating in Social Work

They Do the Work, Boys and Girls Contribute Nickels and Dimes to Provide Clothes for School Children—Has Run 44 Years

Special from The Christian Science Monitor Bureau

CHICAGO—Running a store for 44 years, outfitting thousands of boys and girls with new clothes without ringing up sales or sending bills, is the unique accomplishment of the School Children's Aid Society, which is keeping large numbers of children in school this year who might be kept away by lack of proper clothing.

How do they do it? Dozens of women from the Chicago Woman's Club give their time to filling orders, cutting garments, choosing the "stock," while pennies, nickels and dimes from the pockets of the more fortunate children go into a special collection around Thanksgiving time to buy "scholarships in clothes" for their less fortunate classmates.

This year the collection brought in over $75,000 to keep the store running, and although this isn't quite as much as last year, money is still coming in, and the society feels grateful to be able to fill from 600 to 800 requests a day.

Shoes are bought in large lots direct from the manufacturer at special low prices, so that the average cost of slippers for little tots and size 11 shoes for growing high school boys all taken together, comes to only $1.29.

Garments are cut out with the same system used in factories, and sent out to be sewed by women's clubs, parent teachers' associations, and other organizations.

This winter a number of boys will wear knickers made of luxurious automobile upholstery velour bought from a manufacturer who was caught with a canceled order for upholstering upon which the work had been started. The society bought the goods and made the knickers for 89 cents a pair. Some have the shiny side out, some have it in, but all are soft and warm and good-looking.

The society makes its headquarters at the Dante School in the Hull-House section, in space provided by the board of education, and its entire working force with the exception of two paid clerks, is composed of volunteers.

GURNETT RECEIVER IS BRICKLEY

Bartholomew A. Brickley, attorney, has been appointed by Federal Court receiver for Gurnett & Co.

G. FOX & COMPANY
HARTFORD, CONN.

The January Sale of Linens, Towels and Bedding

offers standard Fox quality merchandise at exceptional saving prices!
G. Fox & Co.—Second Floor

Steiger's
Main at Pratt St., Hartford

SUEDE-CLOTH SNOW SUITS
$5
Jacket Leggings and Cap
Sizes 4 to 6

Here Are Three Items of Note From Our
January Sale of Lingerie

The Bias Slip
$1.95
The perfect fitting bias slip, as well as several other types in this group. French crepe, daintily lace trimmed.

French Crepe Pajamas
$2.95
Dainty pastels, lace trimmed, or gay printed silks—

Hand Made Silk Slips
$3.95
Every delicate bit by hand.
Lingerie Shop Second Floor

Sage-Allen & Co.
Incorporated
HARTFORD Tel. 2-7171

Make the Gas Holder Your Fuel Bin

Newport Gas Light Co.
NEWPORT, R. I.

Of Especial Importance to Careful Shoppers
Worumbo Coats
Plain and Belted
Formerly $115
Now $55
STACKPOLE MOORE TRYON COMPANY
IMPORTERS
Paris HARTFORD London

New Method Laundry Corp.
61-99 ALBANY AVENUE
HARTFORD, CONN.

A Complete Laundry Service Designed to Meet Every Budget and Every Need
Dry Cleaning and Dyeing
TRY NEW METHOD QUALITY AT ORDINARY COST.
Phone 2-3112 Please

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All forms of
Insurance
8 Pleasant Street Tel. 1320 R
NEWPORT, R. I.

Let Us Reproduce Your Treasured Photograph or Daguerreotype
and make a beautiful miniature in color on the new
KOTAVA base
with its ivory-like surface
for $12.50
Complete in Metal Frame
W. Archibald Wallace
1022½ Fourth Avenue
Huntington, West Virginia
Orders welcomed from all parts of the world.

THE Drapery Shop
Unusual patterns in Chintz, Damasks and Taffetas, for Draperies, Bedspreads and Slip Covers.
Hooked Rugs
MRS. W. M. LOVE
77 Whitney Avenue 6-5273
NEW HAVEN, CONN.

CASH SALE!
Closing Out Immediately ALL Leather Goods Regardless of Cost!
FINEST OSTRICH LEATHER
Articles Included in Sale
Formerly $1.50 to $15
Now 50c to $4.50
Card Cases Bill Folds
Diaries Writing Cases
and many other useful items
Ladies' Hand Bags 50% off
A very choice line.
Christmas Cards Half Price
ESTAB. 1860
The Harvey & Lewis Co
849 CHAPEL ST., New Haven, Conn.

To Our MONITOR PATRONS
We thank you for your kind patronage during the past year, and assure you that it is deeply appreciated. For the coming year we wish you and yours a full measure of Happiness and Prosperity.
GRIEVE, BISSET & HOLLAND, Inc.
Waterbury, Connecticut

YOU cannot afford to miss this thrift event . . . Our great January Sale now going on.
Howland-Hughes
Waterbury, Connecticut

B. M. Freeman's
A Store of Quality Products
Meats Fruits Vegetables
DELIVERY SERVICE
427 Willow Street
Waterbury, Conn. Tel. 4-0197

Now on!
Our January Clearance
Savings of ⅓ to ½ on Dresses, Millinery
Sugenheimer's
64 BANK STREET
WATERBURY, CONN.

Electric Colonial Lamp in Mayflower Pewter
$5.00
W. E. PIERPONT, Inc.
JEWELER
159 Bank St., Waterbury, Conn.

Decorative Accessories for the home
Lamps Mirrors
Coffee Tables
Fostoria Glassware
at very special prices for the 1932 budget.
JANE KELLY Inc.
106 Grand St.
Waterbury, Conn.

The Miller & Peck Co.
January brings reductions in every department of the store.
Household Needes and Things to Wear at real savings.
The Miller & Peck Co.
Waterbury Connecticut

SPECIAL PRIVILEGE DAYS
Johnson's Annual Winter Clearance
Starts Tomorrow
Everything at Johnson's reduced to a new low. You, as an old friend, get first choice . . . before the general public.
Reductions $5 to $29
It's a Great Opportunity
J. JOHNSON & SONS
111-113 Bank Street
WATERBURY, CONN.

National Savings Bank
"THE BANK WITH THE CLOCK"
A Mutual Savings Bank
145 ORANGE STREET
NEAR CHAPEL STREET
NEW HAVEN, CONN.

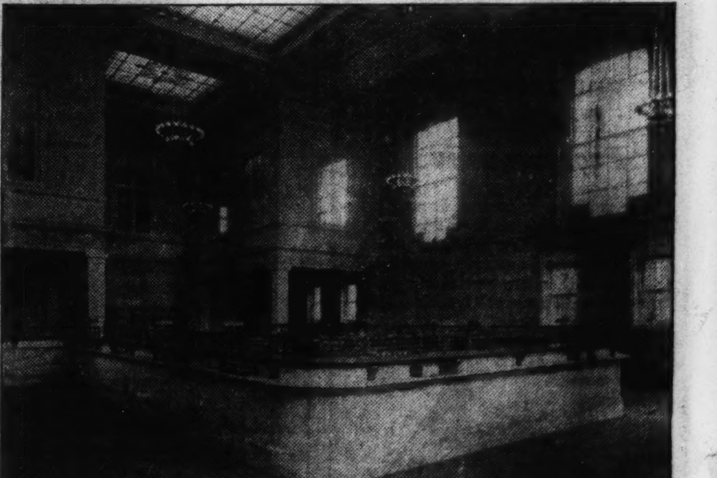
SAVE In SAFETY with
Connecticut Savings Bank
NEW HAVEN, CONN.
47 Church Street "The Four Pillars"

The Merchants National Bank
740 CHAPEL ST. at STATE
NEW HAVEN, CONN.
Founded 1851
OUR policy is to help men to grow and prosper—to attain economic independence—and then to retain it.
We hold to the notion that sound banking is based on mutual interest—reciprocity between the Bank and its clients.

National Tradesmen's Bank and Trust Company
Church, corner of Court Street
New Haven, Connecticut
COMMERCIAL BANKING
TRUST DEPARTMENT
SAFE DEPOSIT VAULTS

The Union & New Haven Trust Company
CHECKING ACCOUNTS
SAVINGS ACCOUNTS
SAFE DEPOSIT BOXES
TRUST FUNDS, $85,000,000
NEW HAVEN, CONN.

The Mechanics Bank of New Haven
72 Church Street
NEW HAVEN, CONN.
We appreciate your accounts



The New Haven Savings Bank
Incorporated 1838
"A Mutual Savings Bank"
Savings Accounts
Safe Deposit Boxes
170 Orange Street, corner Court Street
NEW HAVEN, CONN.

FORD PREPARES EIGHT PLUS OLD FOUR IMPROVED

Retooling Expected to Delay Production Until About March 1

Special to The Christian Science Monitor

DETROIT, Jan. 7—The Ford Motor Company is preparing for production of a new eight-cylinder motorcar, it is now definitely established here. The present Model A four will be continued, with improvements.

Mr. Henry Ford, again at the helm and devoting all his time to direction of the company's affairs, recently surprised the industry after ordering parts for a new four, the Model B, by suddenly changing his plans and setting specialists working on development of an eight.

It was said by many that this meant abandonment of the four, but it now seems certain that an improved Model A will come out as a companion to the new eight. It also is believed possible that the improvement in the four will include a marked body change.

Since retooling operations will require a month or two, March 1 is the earliest that production on the new eight could get under way.'

It is taken for granted by many here that the price of the eight will be in the same general class as that of the Model A, but there is much speculation on this point.

Meanwhile production of the Model A continues on a small scale, about 35,000 units, including those not yet assembled, remaining to be sold. Ford's world production for 1931 is estimated at more than 775,000 units.

Despite sharp curtailment of production activity, employment continues relatively large at Ford plants. At the close of the year the plants in this area alone employed more than 50,000 men.

Sioux Claim Nets Grant of $300,000

Special to The Christian Science Monitor

SIOUX FALLS, S. D.—After efforts extending over a period of about 15 years, members of the Sisseton-Wahpeton tribe of Sioux Indians, who have their home in northeastern South Dakota, are to receive $300,000, which Congress granted them on their claim under the provisions of an old treaty.

The first per capita payment to the Indians, according to Maj. William C. Willahan, federal agent in charge of their reservation, will be made late in January. The money will be received at a time when the Indians need it badly. The total amount of the appropriation made by Congress will give each Indian about $75.

In order that the money may do the most good, the entire $75 per capita payment will not be made to the Indians at one time. The payment to be made the latter part of this month, according to Major Willahan, may not be more than $35 per capita. The remainder may be given in two other payments, one in February and the other later in the year.

TRINIDAD'S TARIFFS

Special to The Christian Science Monitor

TRINIDAD, B. W. I.—The Governor has appointed a committee of members of the Legislative Council to investigate the extent of the tariff preferences that 'Britain should be asked to give to Trinidad and the West Indies. The committee's recommendations will be forwarded to the Secretary of State for the Colonies.

Garner Economizes in Own Office; Adds Only One Member to Staff

Wide World

MISS JOSEPHINE STERLING

Special from The Christian Science Monitor Bureau

WASHINGTON, Jan. 7—Following the precedent of economy set when he refused the use of the Speaker's automobile, Mr. John N. Garner from Texas, new Democratic head of the House of Representatives, in spite of all the added work that accrues to the Speaker, has added only one new member to his secretarial force.

She is Miss Josephine Sterling, who assists Mr. Harry L. Sexton, secretary to the Speaker. She was formerly associated with the International Correspondence Schools here. Because she now lives across the Potomac in Clarendon, Va., Miss Sterling will be able to cast her first ballot in 1932. She emphatically announces she will vote the Democratic ticket.

Mrs. Garner, who is her husband's private secretary, did not move her desk to the extensive suite occupied by the Speaker. She does her work in the seclusion of the office Mr. Garner occupied as minority leader. Miss Sterling and the rest of the secretarial force in the Speaker's office are hearty in their praise of Mrs. Garner's efficiency. They look up to her as a model. They admire her faithfulness to duty.

"You'll find her in her office from 7:15 in the morning to 5 o'clock at night," they tell you.

While the rest of the staff has not quite equaled Mrs. Garner's long hours, it is doing pretty well.

"We have to get here early to get some work done before the droves of congressmen, newspapermen and job seekers begin to come in to see the Speaker," Miss Sterling explained.

While Democrats are gradually replacing Republicans in the Speaker's office as in many positions on the House side of the Capitol, there are still a few Republicans there. The Republican parliamentarian and the timekeeper still have desks in the Speaker's office inasmuch as there are as yet no Democrats trained to take their places. There is a move on at present to make some of these highly specialized jobs nonpartisan so that their occupants would not have to be changed every time the House was turned over to a different party.

DEMOCRATS EXPECT 2000 AT DINNER JAN. 14

NEW YORK, Jan. 7 (AP)—With 2000 guests expected, reservations for the Democratic "Victory Dinner" here Jan. 14 have passed the 1000 mark, the arrangements committee announced last night.

Gov. Franklin D. Roosevelt, Mr. Alfred E. Smith, Mr. John W. Davis, and the Democratic floor leader, Representative Henry T. Rainey, are scheduled to be at the speakers' table.

FIRE ON SEGOVIA TO BRING HIGHER INSURANCE RATE

Burning of Steamship Under Construction Expected to Cause Change

Special from Monitor Bureau

NEW YORK, Jan. 7—Insurance rates upon vessels in building will be materially increased as the result of the burning of the $3,525,000 steamship Segovia, of the United Mail Steamship Company, while in construction at the Newport News Shipbuilding & Drydock Company plant in Newport News, Va., on Dec. 20, it was learned today from a well-informed source connected with marine underwriting.

The greater likelihood of untoward occurrences on vessels upon which workmen are doing repair jobs has always been recognized by an insurance rate of virtually double the usual rate. This condition is brought about largely because of the fact that in ship repair work acetylene torches, gasoline torches and other heating instruments are often used.

Underwriters consider the likelihood of combustion gaining headway on ships tied to their docks greater than when at sea. In the first place, there are many more persons on a ship at sea, as a rule, than when it is tied up. The likelihood of fire being discovered and dealt with promptly when the vessel is at sea is therefore greater. Also at sea sailors realize that the welfare of all on board is much more at stake, and it is thought probable that greater precautions are taken on that account.

Moreover, when a vessel at sea catches fire, it is possible to turn it in the direction which will give the greatest safety. Steam pressure is always up, and steam may be turned into the holds, and there is a full crew on hand to man the hose lines.

Underwriters said that the loss of the Europa in 1929 was the only other large construction loss on record, although some important repair losses have been recorded. The Bermuda, which caught fire in Bermuda probably due to incendiarism, was burned again several weeks ago in England when being repaired.

There has been some discussion of asking for legislation calling for materials of greater resistance to fire in naval construction. Impregnated wood or steel construction has been suggested. It is thought that insulating materials of greater fire-resisting properties than those used on the Segovia, a fruit boat, might be devised.

FLOUR PRODUCTION

Compilation of flour milling activity representing approximately 90 per cent of mills in principal centers prepared by General Mills, Inc., shows 38,301,003 barrels for six months ended Jan. 2, compared with 42,300,616 a year before.

INTEREST BEGINS
JAN. 11
Deposits Received by Mail
Home Savings Bank
75 Tremont St., Boston

"TRULY STORIES
from the
SURELY BIBLE"
adapted by MARGARET HOWARD

A Wonderful Book for Children and Grown-Ups

Old and New Testaments, over 500 pages

Not "made over" stories, but actual Bible language skillfully arranged for easy reading.

Postpaid $3.00

Gift Shops and Sales Representatives—Write for attractive offer

Clark-Sprague Printing Company
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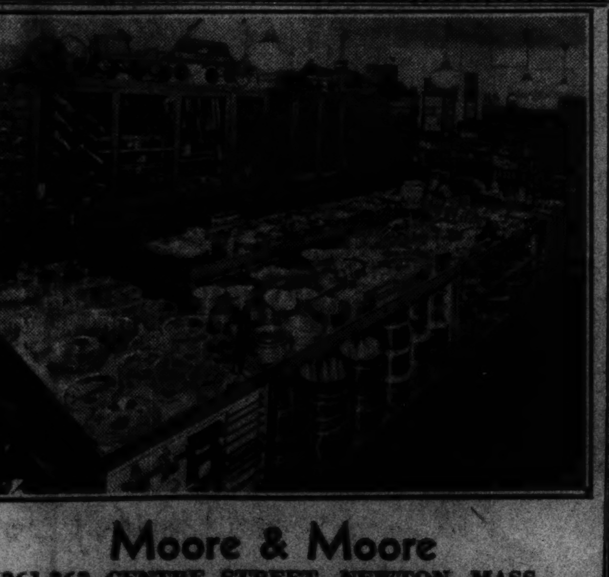

Moore & Moore
361-363 CENTRE STREET, NEWTON, MASS.
HARDWARE—PAINTS—HOUSEWARE
ELECTRICAL GOODS—RADIOS—TIRES

JANUARY SALE
FURS
at
THE LOWEST PRICES
IN OUR HISTORY

Qualities Assured
Compare . . . and Save

CONVENIENT TERMS MAY BE ARRANGED

LAMSON & HUBBARD
"FOREMOST IN FURS"
304 BOYLSTON AT ARLINGTON STREET . . . . . . BOSTON

SWEEPING REDUCTIONS
IN THE PRICES OF
W.L. DOUGLAS SHOES

Much lower prices for really better shoes — with the W. L. Douglas name to guarantee dependable quality and honest value in every pair. That's the kind of price reduction that means something.

You still have your choice of our complete stocks

The finest leathers in the latest styles. Honest W. L. Douglas shoes that give you lasting looks and long wear, at the lowest prices since 1917.

MEN'S ~~$6.50 6.00 5.50~~ Now $5
MEN'S ~~$8.50 8.00 7.50~~ Now $7
WOMEN'S ~~$6.50 $6.00 5.50~~ Now $5
WOMEN'S ~~$7.00~~ Now $6
NEW LINE OF WOMEN'S at $4
BOYS' NOW REDUCED TO $250, 300 & 350

"AMERICA'S BEST KNOWN SHOES"
* 635 Washington Street, (Opp. Essex Street)
** 38 Hanover Street, (Near Scollay Square)
** 153 Massachusetts Ave., (One Block South of Boylston St.)
BOSTON
** Stores Open Evenings * Open Saturday Evenings
Stores in principal cities throughout the country.

LORD & TAYLOR'S
January Sale of
LINENS
SHEETS
BLANKETS

White Damask Cloths

4.50
SIZE 2 x 2 YARDS

5.75
SIZE 2 x 2½ YARDS

6.75
SIZE 2 x 3 YARDS

No sketch could show you the fine, heavy, lustrous quality that makes these cloths such an outstanding value, even in the January Sale! We doubt if you could find better-wearing cloths at *any* price. Full-bleached, double damask Irish linen in classic Adam design, satin band, lily-of-the-valley, or a new and highly effective mosaic pattern.

Napkins to match, 22" size, **5.95** dozen — 24" size, **7.50** dozen.

Hand-hemstitched Linen Sheets
Single size, 72" x 108" PAIR 9.00
Double size, 90" x 108" PAIR 11.50
Pillow Cases, 22½" x 36" PAIR 2.50

This quality has made Lord & Taylor famous for its linen sheets—at substantially lowered prices for the January Sale. Fine, smooth, luxurious, durable!

Plymouth Sheets & Cases

Smooth, durable quality sheets, exclusive with Lord & Taylor. (Lenox Fine Count Sheets, and Wamsutta Percale, also offered at January Sale prices).

85c Size 63" x 108"
95c Size 72" x 108"
1.15 Size 90" x 108"
25c CASES Size 45" x 38½"
(*Add 25¢ for hemstitched sheets; 10¢ for cases*).

Hemstitched Linen Huck Towels 4.95
Size 20" x 34". Fine Irish linen, plain or with damask borders . . . DOZEN

Martex Turkish Bath Towels 7.20
Size 24" x 46". Luxurious Martex quality; with pastel stripes . . . DOZEN

Satin Bound Wool Blanket 4.95
Size 72" x 84". All wool; green, gold, blue, rose, peach, orchid . . . .

Silk Satin Comfortable 14.75
Apple green, apricot, wisteria, pink, blue, or maize; scalloped or corded . . .

The Linen Shop — Sixth Floor — LORD & TAYLOR — *Fifth Avenue*
NEW YORK

BRITISH TRADE ACCORD SOUGHT IN SCANDINAVIA

London Reported Willing to Meet Nordic Neighbors Halfway

By Radio to The Christian Science Monitor

COPENHAGEN, Jan. 7—A desire to establish a commercial understanding with Great Britain is behind the Scandinavian conference now going on behind closed doors here, Dr. P. Munch, Danish Foreign Minister, informs the Monitor.

"The conference is a preliminary discussion as to ways and means whereby the trade balance may be equalized between Great Britain and the Scandinavian countries," he said. "The populations of the latter total only 14,000,000 and it is therefore necessary for every individual to support British products," he added.

The closeness of the economic bond uniting Great Britain and the Scandinavian countries is shown in the fact that the latter were the first to follow the British example in going off the gold standard, whereas several British dominions still cling to it. Great Britain is the best customer of Norway, Sweden and Denmark, and the latter buy more from Great Britain than anywhere else.

Nevertheless, today the balance of payments is definitely adverse to Great Britain. Britain bought to the extent of £53,000,000 and sold only some £18,000,000 during the first nine months of 1931. The three countries are represented at the conference by their Foreign Ministers. Discussions are expected to last two days.

The Copenhagen conference is an outcome of widespread belief that Great Britain intends to erect a tariff wall around itself and the British Dominions. While there is undoubtedly a tendency in this direction, concrete development must mostly wait until after the Imperial Economic Conference at Ottawa, which is due to take place next July. At the present moment Britain has not a definite economic policy, as Sir John Simon, Foreign Secretary, declared at the Foreign Press Association luncheon in London yesterday.

The nation, however, is in process of developing such a policy. The Cabinet is hard at work on it now. Whatever ultimately emerges however, it is certain that for the next few years Britain must import vast quatities of food and that it would be a considerable time before the dominions could supply the whole British market for foodstuffs and timber which are the chief products of the Scandinavian countries.

Meanwhile it can be taken for granted that Britain will be glad to meet its Nordic neighbors halfway.

Jobs Are Found By 600 Engineers

Special from Monitor Bureau

NEW YORK, Jan. 7—Nearly half of the 1200 engineers who registered with the work bureau here have found jobs, according to Mr. H. de B. Parsons, chairman of the Professional Engineers' Committee on Unemployment, today. Mr. Parsons estimates that by the end of February, 90 per cent of the registrants will have obtained full or part-time work.

Government projects and various engineering studies now being pushed through preliminary stages, will provide jobs for several hundred. Branch job agencies have been opened in Newark, Bronxville, in Westchester County, and Lynbrook, in Nassau County.

Financial pressure among the unemployed engineers also is being relieved through cash contributions of nearly $70,000 to a special fund. In addition, pledges of several thousand dollars have been received. Among the largest contributors was President Hoover, who gave $5000 and promised more if necessary. A fund of $200,000 is being sought.

TOURING MENAGERIE DISBANDS IN ENGLAND

Special from Monitor Bureau

LONDON—Bostock's Circus, most famous of Britain's traveling menageries, has disbanded after touring for 126 years. Its animal "stars" have retired to the new Whipsnade open-air zoo, near Luton, Bedfordshire, while many of its keepers are becoming movie attendants.

Hundreds of wide-eyed, open-mouthed children watched delightedly the farewell "show" at Newcastle, just as millions in every corner of England, Wales, Scotland and Ireland have enjoyed "Bostock's" since it was started in the year the battle of Trafalgar was fought. Once there were more than 60 fine horses to draw the menagerie from village to village. But during the last decade petrol engines displaced them, save for three horses and a pony, which stood alongside an array of tractors at the auction after the final performance.

CASH REGISTER ORDERS

DAYTON, Ohio, Jan. 7—National Cash Register Company has received orders for more than 2000 machines aggregating several hundred thousand dollars, President Patterson states.

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RADIATION OF CONFIDENCE URGED BY SLOAN

Time for Action and Not Discouragement, Motor Leader Asserts

Confidence in the solidity of United States institutions, in the soundness of the fundamentals of its economic system, in the maintenance of the standard of living for which its people have struggled for so many years, was expressed by Mr. Alfred P. Sloan Jr., president of General Motors Corporation, before members of the Boston Chamber of Commerce this noon, at the luncheon meeting.

Man, irrespective of nationality or position in society, is as eager to maintain and advance his standard of living as ever before in history, he said. "This, coupled with the fact that there is every reason to believe that man is willing to pay the price in work to obtain that objective, establishes a foundation of confidence in the industrial development of the future and assures not only the maintenance of our present standard of living but justifies every reason for belief that the future will witness a standard of living as far in advance of our present standards as our present standards are, as compared with those of 25 years ago," he said.

"In the automotive industry, we are making our new offerings for the new year. Notwithstanding the prevailing economic conditions, we have diverted, by actual count, millions of people throughout the country and a far greater number than ever before, from their normal paths of activity, to inspect such new offerings. The number of automobile miles consumed during 1931, definitely measured by the known consumption of gasoline, was the greatest in history.

"We are not so badly off, at least relatively, as we think. We find that those units of industry that continue to perform an economic and useful service to mankind continued to advance and increase in value, when measured either in terms of gold or, more understandingly, in terms of commodity prices. The long-term trend is always upward. We go continually forward.

"Though we cannot at the moment definitely appraise ways and means that will lead us out of the present situation, yet we can have confidence that the fundamentals are exactly the same as they always have been—that the people of the world are not going to accept a lower standard of living, but, on the other hand, are going to demand a higher and higher standard of living, and that while this applies particularly to the United States, it applies to all the people of the world in degree as well.

"If we will radiate confidence to others, we will be making an important contribution to the stabilization of public opinion as well as an important contribution to an earlier economic recovery when the fundamentals are adjusted to the point where a start can be made.

"Adversity, though a hard master, is the greatest possible urge for progress. Let us accept the fact that efficiency and effectiveness in the years of our late-lamented prosperity were measured with a yardstick however applicable it may have been to those particular times, certainly is not the yardstick that we must use for measuring our problems of today. New standards must be established; new ideas must be developed; our products must be improved.

"It is vitally essential that new products be developed through research and engineering. There is work to be done in the world today. Those who will accept that type of thinking, are those who will become the leaders in the next great forward movement. It is not the time for discouragement—it is the time for action. As a result of our readjustment and refinement that is going on, our industrial machine is more efficient, more effective from every standpoint than ever before in its history."

Lithuanian President Begins Third Term

DR. ANTANAS SMETONA

Special to The Christian Science Monitor

KAUNAS, Lithuania — Dr. Antanas Smetona is now serving his third term as President of the Lithuanian Republic. Dr. Smetona, who is a lawyer and leader of the National Party, was the first President of the country in 1919-20. He was again made President when Prof. Augustinas Woldemaras overthrew the parliamentary régime in 1926. In 1929 Professor Woldemaras was himself overthrown by Dr. Smetona, who is now regarded as the "strong man" of Lithuania.

MEXICO TIGHTENS LAW

MEXICO CITY, Jan. 7 (By U. P.)—Stricter regulations have been put into effect by the Interior Department in the matter of bringing back Mexicans stranded without money or jobs in foreign countries. The Government discovered that many Mexicans who have been repatriated at its expense were neither needy nor, in some instances, even Mexicans.

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WAYCROSS ENDS BUDGET DEFICIT IN FOUR YEARS

Georgia Town Records Many Gains Under Commission Government

Special to The Christian Science Monitor

WAYCROSS, Ga.—This city substituted at the close of the current year an estimated surplus of $85,965 for a deficit in 1927 of $182,043.

The members of the city commission for the past four years which has this financial record to its credit are Mr. Henry S. Redding, Mr. Frank P. Howell, Mr. W. W. Allen, Mr. Sam T. Wright and Dr. H. J. Carswell. Mr. L. B. Bean served as city manager.

An improvement of $278,008 in the financial condition of the city in the four years between Dec. 31, 1927, and Dec. 31, 1931, is evidenced in the present estimated financial status. Moreover, Waycross now operates practically on a cash basis, not having incurred any debts during the current year for operating expenses.

It is stated that if everything owed to the city had been paid it by Dec. 31, 1927, and the city had itself paid all its indebtedness, there would have remained a debt of $182,043. Four years later, and at a time of widespread financial stress, it is estimated that if on Dec. 31, 1931, the city had been paid all owing to it, and the city in turn had paid all it owes, it would have a cash surplus of $85,965.

The present administration has also reduced to a marked degree the cost of operating the city. it is stated. In 1927 the total cost of operating the city, it is stated. In 1927 the total cost of operating the city was $319,034. For 1928, the total was $280,937; for 1929, it was $292,772; for 1930, it was $270,096. The budget for 1931 was $231,178. The auditor's report for the first 10 months of 1931 on Nov. 1 showed Waycross to be operating $7365 under the budget.

In the four years of this city commission's administration the city's bonded debt was taken care of, no bond falling due being debaulted, and the sinking fund being up to schedule at present. The city has kept pace with its financial record in other branches of activity. Among outstanding achievements are a bond issue of $175,000 for construction purposes, installation of 1055 new water meters, and cutting down the number of flat rate water users. In addition 3100 feet of new six inch water mains and 2000 feet of sanitary sewer mains were laid. Of the 179 wooden bridges for pipes, existing in the city at the beginning of the administration, 46 have been eliminated and concrete pipes underneath the ground substituted. All major bridges, except one, have been rebuilt.

The population of Waycross, according to the 1930 census, is 15,510. The tenure of office of the present city commission closes with the present year.

Teachers Trained For Arab Farming

Special to The Christian Science Monitor

JERUSALEM—Through the generosity of the Near East Foundation, an American organization, a scheme has been inaugurated in Palestine by which it is hoped gradually to introduce improved methods of agriculture in Arab villages.

A grant of $5000 was made by the foundation in 1930, and a similar one was paid in October, 1931. Most of the money is being expended on the training of village schoolmasters in modern agricultural methods. The first teachers' class was opened at the Tulkarem School last year with 15 village teachers selected from government rural schools.

The program drawn up by the principal of the Kadoorie Agricultural School, in consultation with the directors of agriculture and education, provides an intensive course in various branches of agriculture and includes much practical work. Lectures are given in the natural sciences, agriculture, forestry and horticulture, with practical instruction especially in horticulture and vegetable farming. Three days in each week are devoted to practical work on the farm and three days to lecture room work.

JEWISH ART PRIZE WON BY BERLIN MAN

Special to The Christian Science Monitor

JERUSALEM — The international competition for the best cover design for the fifth volume of the Golden Book of the Jewish National Fund, in which outstanding events and personalities in Zionism are commemorated was won by Mr. Ismar David of Berlin. His entry was held to be the most original and impressive. The second prize was awarded to Mr. Z. Raban of Jerusalem, a ndthe third to Mr. M. Gur Ariyeh, also of Jerusalem.

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Move to Impeach Mellon Is Before House Committee

WASHINGTON, Jan. 7 (AP)—Consideration of the Patman resolution impeaching Secretary Mellon was postponed today by the House Judiciary Committee until next week. This action was agreed upon by committee members because of the delay in having the resolution reach the committee formally through parliamentary channels.

Year after year one member or another has suggested that something of the sort be done, or demanded his resignation, questioning the right of so wealthy a man, stockholder in many corporations, to hold the purse strings of the nation. Attempts have been made to force him out.

But it awaited Democratic control of the House and the determination of Representative Wright Patman of Texas, actually to start impeachment of the veteran financier. How far the ouster move will get remains to be seen.

"High crimes and misdemeanors" was the general—and required—designation of the accusations. Violation of a law of 1789, designed to prevent Treasury secretaries from engaging in business or commerce was the principal charge, accompanied by the argument that heavy stockholders in industrial concerns, shipping lines, etc., do constitute commercial activity. The point has been much in debate.

SANFORD MILLS LOSS

In the year ended Nov. 30, 1931, Sanford Mills, one of the largest and in normal times one of the most successful of New England textile enterprises, had an indicated loss of $794,860. This compares with indicated profits of $88,251, or 35 cents a share, in 1930; $926,284, or $3.58 a share, in 1929, and $1,257,989, or $4.86 a share, in 1928.

COMMUNISM OPPOSED BY BELGIAN LEAGUE

Special to The Christian Science Monitor

BRUSSELS—A "National Anti-Communist League" has just been founded here under the chairmanship of Prince Jean de Merode. The league's committee includes such prominent men as M. H. Jaspar and M. Georges Theunis, both former Belgian Premiers.

The league will combat Communist propaganda in Belgium by the distribution of pamphlets and lectures. It intends also to publish a review and to establish a library.

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SHIPBUILDING IN U. S. 60 P. C. UNDER NORMAL

Save Sweden and Italy, Similar Conditions Exist Elsewhere

Special to The Christian Science Monitor

NEW YORK, Jan. 7—The American marine shipbuilding industry is operating at approximately 40 per cent of its normal capacity, according to a report just issued by the National Council of American Shipbuilders, whose membership includes more than 90 per cent of those engaged in the industry.

Reviewing similar activities in other countries, the council reports that Great Britain's shipbuilding program has been "seriously depressed" during 1931 and that 75 per cent of unemployment now exists there. Italy and Sweden had a fairly prosperous year, but in other countries, the council says, "shipbuilding has been far below normal."

Sweden's activity in building oil tankers for foreign account and Italy's program in building large vessels for home account as well as vessels for foreign governments have been the outstanding events in summarizing the year as a whole, the report indicates.

While the number of men employed in American coastal yards at present is only 5 per cent less than in the corresponding period last year, the outlook for new business is regarded as not very promising.

Much Shipping Tied Up

The council reports that "under existing mail contracts there are no vessels other than those now building required for delivery in 1932, and only two for delivery in 1930." The shipbuilders' organization says that much shipping is tied up and that there are practically no inquiries being recorded for new tonnage. There are still more than 200 idle bottoms left from the shipping board's war-time fleet which the council holds to be another unfavorable factor.

The most hopeful prospect for the building of new merchant tonnage in the United States, the report declares, is that approximately 11 per cent of the American seagoing tonnage which now exists is over 20 years old. "A revival of business," the council says, "should carry with it in the near future a replacement of some of this tonnage by more modern vessels."

There are under construction in the United States today 24 seagoing merchant vessels totaling 254,600 gross tons, comprising two passenger vessels, 16 passenger and freight vessels, two freight-car carriers and four tankers. There are also under construction in private yards three scout cruisers, one airplane carrier, one submarine, two destroyers and a coast guard cutter for the Great Lakes.

Sixteen Per Cent Decline

New contracts for seagoing merchant ships placed during 1931 amounted to slightly more than 40 per cent of the tonnage contracted for in 1930. On the Great Lakes, the only sizable merchant ship contracts placed last year were for two twin-screw cargo steamers for the Ford Motor Company of Detroit. In addition to seagoing tonnage, numerous small craft were contracted for throughout the seaboard and inland waterways, representing an approximate value of $14,000,000.

A year ago there were 28 vessels under construction, representing a total gross tonnage of 316,900. Among the larger projects were the 22,000-ton ships President Hoover and President Coolidge, constructed by the Newport News Shipbuilding & Dry Dock Company; three Matson Navigation Company 18,500-ton geared turbine liners being built by the Bethlehem Shipbuilding Corporation, Ltd.; six 9000-ton tankers for the Motor Tankship Corporation being built by the Sun Shipbuilding & Dry Dock Company, and two 30,000-ton transatlantic liners, the Manhattan and an unnamed sister, which the New York Shipbuilding Company is building for the United States Lines.

Maine Yard Busy

Among the smaller yards, Bath Iron Works in the world-famous Kennebec-side city of Bath, Maine, is kept fairly busy with smaller types of ships. A Diesel yacht and a turbo-electric yacht were among the assignments.

During the last year, contracts for 11 seagoing vessels totaling 74,600 tons were awarded, the largest project being three 10,500-ton ships for the Panama Mail Steamship Company to be constructed by the Federal Shipbuilding & Dry Dock Company. Contracts for six navy vessels were also let out, the largest unit, the airplane carrier Ranger, of 13,800 tons, being built at Newport News.

Beams of Huge British Searchlight Spot Plane at Height of 16,000 Feet

Aerial Policeman

© The Times of London

Patterns Altered in Shape of Grid, Circle, Oval and Other Types

Special from Monitor Bureau

LONDON—A searchlight of challenging power has been invented by Maj. John Savage, whose name is well known in Britain as the leading exponent of "sky writing." In the beam of this light an airplane has been spotted and its height and course accurately plotted at a height of 16,000 feet.

The intensity of this great light is estimated at 3,000,000,000 candlepower. The difference between this and an ordinary searchlight is that it consists of 300 parallel beams, each of which is deflected by a mirror along the path it is to take in the whole beam. The pattern thrown on the sky can be varied at will so as to take the appearance of a grid, circle, oval or other pattern as desired.

In the first public demonstration the pattern was in the shape of a square grid divided into nine smaller squares, but Major Savage told a representative of The Christian Science Monitor that a 16-square grid would generally be more useful.

A sound locator gives the direction of an approaching airplane which can then be picked up quickly by the light. The pilot might think that he had evaded the light as he entered the darkness of one of the grid dividing lines, only to find himself in the brilliant glare of the next square. When used as an airdrome ground light it gives the most brilliant illumination, and as the depth of the beam is comparatively shallow it does not dazzle a landing pilot.

The invention has been described by experts as the most striking development in searchlights in the last 20 years. The whole apparatus, which is divided into parts, can be mounted on a petrol-electric lorry. In one part is the mechanism for generating the light and in the other it is broken up into its 300 rays and transmitted. The light can be traversed round the arc of a circle and raised or lowered as necessary.

Big Sand Dredges With Side Wheels To Clear Missouri

Special to The Christian Science Monitor

KANSAS CITY, Mo., Jan. 7—An odd boat was launched at Point Pleasant, W. Va., on the Ohio River recently, and its twin will be launched soon on the Missouri River. They are sand dredges, to be used after navigation starts, in maintaining the new 6-foot channel in the Missouri.

They are bigger and more efficient than any other dredges now in use anywhere on the inland waterways, river engineers state. They are to be called the Captain Meriwether Lewis. and the Captain William Clark.

These two boats, aided by a smaller dredge and snagboat, will ply up and down the river, directed by wireless messages from towboat captains in trouble or by the army engineers. Each boat will have a capacity for moving 3000 cubic yards of sand an hour. They are sidewheelers, a type of boat that is disappearing from the rivers, but useful in dredging because of their ability to turn in almost their own length.

Out in front of the boat, resembling the front of a vacuum cleaner, is a "dustpan" suction pipe 36 feet wide. It can be raised or lowered by derrick. It can be dropped 20 feet below the surface of the water and it will suck the sand out of a path 40 feet wide.

Separate engines operate the boat and the pumps. When the boat moves up to a sandbar, steel piles are driven into the river bed on the far side of the bar and cables run from them to two drums on the boat deck. The "vacuum sweeper" is dropped down into the sand, the pump is started and the boat rolls up the cable, pulling itself forward as the "sucker" eats away the sand. A crew of 50 men will lodge aboard each boat.

AKLAVIK ENJOYS RECORD WEATHER

Special to The Christian Science Monitor

EDMONTON, Alta.—The residents of Aklavik on the arctic coast may well "pat themselves on the back" as for once in many a long year they had the distinction recently of recording the second highest or warmest temperature in the Dominion of Canada.

After having been known as Aklavik in the frozen arctic wastes for so long, it was with no small degree of pride that the inhabitants could point to a temperature of 42 degrees above zero the last week in November. Only one other point in Canada recorded a warmer temperature on that date, while from the Rockies to the Atlantic, freezing temperatures prevailed.

BRIDGING LAST GAP IN TRANS-CANADA ROAD

Special to The Christian Science Monitor

WINNIPEG, Man.—The Trans-Canada motor highway will be opened officially July 1, 1932, it has been decided. By that time the work will have been completed on the road connecting Manitoba and Ontario, more particularly Winnipeg and Kenora, Ont., thus bridging the only gap in the Trans-Canada highway in the central part of Canada.

It is anticipated that the road will be in condition to allow traffic to travel over it several weeks prior to the official opening date.

GUETING HEADS SHOE MEN

CHICAGO, Jan. 7 (AP)—Mr. A. M. Gueting of Philadelphia was re-elected president of the National Shoe Retailers' Association yesterday.

Some Answers to Spinless Flying

Edited by VOLNEY D. HURD

Technical Editor of The Christian Science Monitor

IF YOU try to climb an automobile up too steep a hill, it will stall. Assuming your brakes are good, the only result will be that you stay just where you stopped. In an airplane a stall means a loss of altitude. Under favorable conditions you will drop down until in a gradual straight forward dive. In many instances, however, you slip off to one side and start down in a tail spin. With plenty of altitude a tail spin is not dangerous.

If one could have a ship which wouldn't spin under any circumstances flying would be safer. With this point in mind designers have been trying to build spin-proof ships. One of the first successful attempts which minimizes the effect of stalling is the Handley-Page wing slots such as used on the Curtiss "Tanager" which won the Guggenheim Safe Aircraft Competition several years ago.

Since that time the autogiro, with its spinless propensities, has proved the value of the anti-spin construction idea. More recent and less radical is the tail-first plane as built by Focke-Wulfe in Germany. Here the small wing ususally placed at the end of the long body of an airplane, out to the rear, is extended in front on a similar structure. Since this small wing is ahead of the main wing, if it stalls it starts to drop and brings the ship into line of level flight before the main wing to the rear can get into a stall. Thus spinning is eliminated.

* * *

Another more striking attempt at spinless flying is the tailless ship with wings swept back at quite an angle. Before the war the Burgess-Dunne seaplane used this idea. The research on war-time ships, designed for speed and stunts instead of safety, led away from this design and only recently has it been revived in that highly visionary and experimental country, Germany. Captain Hill of England has also designed several ships along these lines.

Wind tunnel tests show the tailless plane to have less tendency to spin than any other type of wing design. With no body and thus practically all exposed surfaces being useful ones from a lift viewpoint, the tailless plane is very efficient. A German model, the "Stork," flies easily with one person with only an eight horsepower motor while another, the Soldenhof, carries two people at 100 miles an hour with but 40 horsepower, and weighs under 1000 pounds.

Surveying these types, the autogiro is making its own place. Regarding the wing slots a brilliant designer, when asked why he did not use the slots, said, "Safety without gadgets is my motto." This illustrates the designers' attitude toward slots. They are considered "gadgets" and are thus avoided. The tail-first plane looks clumsy. This will probably work against it ever being very popular.

The tailless plane seems to have everything in its favor. The Soldenhof ship with its 40 horsepower gives 100 miles an hour as against 80 miles an hour for the average light plane. Its cruising range is 450 miles as against 250 miles for the ordinary light ship. Its cost is cheap, since even the experimental model only cost $800 to build. Imagine its cost in production.

Probably the reason the tailless plane has not had wider acceptance is the fact that it is considered a curiosity. If there is anything an engineer doesn't like, it is something "tricky" or curious. It will be most unfortunate if this attitude should hold back work on what promises to be a possible answer to an inexpensive and efficient light plane for the general public.

* * *

A Perfect Night Landing

Landing an airplane at night on unknown terrain without lights of any sort is extremely hazardous. A Kellett autogiro recently ran out of gasoline due to unexpected head winds, flying between Albany and Syracuse, and had to make just such a landing. Sailing along in pitch darkness the motor suddenly coughed and stopped. Below all was black. Quoting the pilot, Leslie Cooper:

"There being only one thing to do, I headed into the wind, the direction of which I knew pretty well from watching my drift while following the beacons, and came down vertically 2000 feet.

"We landed in the back yard of a farm house with no more shock than the average landing and without forward roll of an inch. The wheels landed in a one-foot ditch, which with any movement forward would have turned us over. Actually there was no damage whatever.

"Had we been in an airplane without flares and landing lights, making contact with the ground at 50 to 60 miles an hour, the results would have certainly been different, to say the least!"

* * *

International Listings

When any sailing vessel in the shipping world needs to be looked up, one refers to Lloyds. To register with Lloyds is part of the shipping picture. Now a new register for British aircraft has been started to give aviation its "Lloyds."

Germany and France have started similar activities and arrangements have been made to work through similar bodies in America, Japan, Norway and Italy. The new register gives details of nearly 1100 machines.

ALTMAN

NOW IN PROGRESS—The

WHITE SALES

Feature surpassing values in new merchandise bought in today's advantageous market — Many unusual purchases that cannot be duplicated — Every piece made to Altman standards — Prices far below anything we have offered in a decade.

An Initial Value!

Luncheon and Dinner Sets

Finest Quality Colored Linen Damask

Compare the prices with those of a year ago to appreciate the phenomenal values. Remember, too, that these are new sets of double satin damask at extraordinary prices. Colors: Blue, pink, gold, green, lavender.

Cloth 72 x 72 in. and six napkins	$9.75
Cloth 72 x 90 in. and eight napkins	13.50
Cloth 72 x 108 in. and twelve napkins	16.50
Cloth 72 x 126 in. and twelve napkins	18.75

(Napkins 22 x 22 inches)

Dinner Cloths

Italian-Made of Veronia Filet and Embroidery

Exquisite cloths, suitable for the most formal occasion.

72 x 90 inches	$41.00
72 x 108 inches	49.00
72 x 126 inches	57.00
72 x 144 inches	65.00
Napkins, 20 x 20 inches, to match	$10.50 dozen

Bedspreads and Window Draperies

Of Heavy Shiki Weave Rep

$6.50 Each

Bedspreads are 72 x 108 or 90 x 108 inches; beautifully tailored. Draperies are 2½ yards long, 40 inches wide, pinch pleated, sateen lined and complete with hooks and tie-backs; $6.50 pair. Colors: Green, rose, gold, peach, orchid, blue, rust, or wine.

Featherlite

Percale Sheets and Cases

An Exclusive Altman Value

72 x 108 inch sheets $1.20

Percale sheets are so desirable because of their cool, light daintiness. Here are Featherlite percale sheets of fine long staple cotton for long wear, with every refinement . . . reinforced tape selvedge, 4 inch hems, fine stitching and soft luxurious finish. Lighter than ordinary sheets, they save in laundry cost.

Size	Plain Hem	Hemstitched
63 x 108 inches	$1.10 each	$1.30 each
72 x 108 inches	1.20 each	1.45 each
81 x 108 inches	1.35 each	1.55 each
90 x 108 inches	1.45 each	1.65 each
Pillow Cases		
42 x 38½ inches	30c each	40c each
45 x 40½ inches	35c each	45c each

Blankets

By North Star

$12.50 Pair

A wide choice at this price — all white, white with colored borders and bindings or solid colors of green, gold, blue, rose, orchid, or peach.

Double Satin

Damask Napkins

Bleached Irish Linen

$3.25 Dozen

A beautiful quality of fully bleached satin damask in attractive patterns. No cloths to match. Sizes 22 x 22, 24 x 18 inches.

LINENS — FOURTH FLOOR

B. ALTMAN & CO.

East Orange — Fifth Avenue at 34th Street — White Plains

NEW YORK

FOREIGN POLICY UNEXPLAINABLE IN PARTY TERMS

Nations Show Continuity in Diplomacy Despite Political Changes

By SISLEY HUDDLESTON
Staff Correspondent of The Christian Science Monitor

PARIS—Ever since the World War, and perhaps during that conflict, there has been a tendency to foster the legend of two visages in each country, and to explain misunderstandings by the fact that the "true visage" was not being shown. If only such and such a party could come to power the "false visage" would disappear.

But in reality the foreign policy of each country has depended very little on parties. Whether this or that party was in office, there has been, generally speaking, a singular continuity of national policy. Circumstances might render it more or less aggressive, but it has been determined by the national consciousness.

Of course there are always dissidents. There are always minorities. But it seems to be a mistake to explain foreign policies in terms of parties.

Dictated by Circumstances

At the present moment there is a good deal of talk in Europe about the aims of Germany. It is felt in many quarters that if Dr. Bruening could have his way, all would be well. If Herr Hitler were to succeed, it is suggested that foreign policy would change for the worse. It may indeed be so. One man's methods may be preferable to those of another. That is the human factor. But it is beginning to be seen that German policy is really dictated. not by a particular man, but by circumstances.

An examination of the declarations of various German spokesmen will make it clear that all the German parties from the Social Democrats to the Nationalists have essentially the same purpose, namely, to liberate Germany from the disabilities imposed upon it by the Versailles Treaty.

They all ask for a revision in Germany's favor. They all denounce the verdict of German guilt. They all are opposed to reparations. Their manners are not the same, but their object must be the same, because it is the object of the bulk of the nation and not of individuals.

Herriot's Famous Phrase

In the same way, it is now being argued that if the General Disarmament Conference is postponed until after the French General Elections, the Radicals and the Socialists may win and change French policy. But though some concession may be made with regard to the Socialists, it would be wrong to count upon the Radicals to effect any fundamental changes in French foreign policy.

It was M. Herriot who invented the phrase, "Security, Arbitration, and Disarmament." The leader of the Radical Party is fond of insisting on his patriotic sentiments. On platforms, in Parliament, and in manifestations, he is truly eloquent, and sincerely so, in the cause of peace and conciliation. But it is quite unlikely that he would in office change the practical policy of France, which is based upon a public sentiment of the need of security.

Moreover, it must be remembered that M. Briand has been the Foreign Minister for seven years, serving under M. Poincaré, M. Tardieu, and M. Laval, and is therefore responsible for French foreign policy. He may or may not have had a free hand, though his entire agreement with successive Governments has been on several occasions publicly stated; but it is impossible to separate M. Briand from the conduct of French foreign affairs.

It would seem, therefore, that the distinction which is often drawn between the "true visage" and the so-called "false visage" of any country is largely imaginary. In the interests of reality we must take it that, in democracies with parliamentary representation, the visage shown to the world is, for working purposes, the true visage.

TIGHTER CONTROL OF RAILS FORECAST

NEW YORK, Jan. 7 (AP)—Predicting that government surveillance of the railroads will tighten rather than slacken in the coming years, Prof. William Z. Ripley of Harvard yesterday denied charges of Prof. Joseph S. Lawrence of Princeton that the Interstate Commerce Commission had stifled railroad development.

Professor Ripley said in a speech at the Advertising Club that he believed some government agency shortly would be forced to assume "a measure of control over the declaration of dividends and the use to which funds are put." He added that certain roads "are dissipating their reserves through unwise dividend declarations."

Mending Old Dolls Just Means Making Them Look Like Old

Keystone

JACK LANCET, DOLL EXPERT, AT WORK

Not Always a New Blue Eye Is Wanted, but One Like That Which Was Lost, Faded Perhaps, or Chipped, but Loved None the Less

By MARY KELLY
Special to The Christian Science Monitor

New York

One of the most famous doll experts of this country, whose job it is to patch up hapless little nursery folk of bisque and sawdust, it happens, is a man. In addition, he is a diplomat extraordinaire. He is Mr. Jack Lancet, manager of the New York Doll Hospital, and his achievements are scattered throughout many states.

Few realize the niceties of his calling. Some think that his talent lies chiefly in making old dolls look like new. Scarcely any opinion could be farther from the truth. For this doll man's art is in making old dolls look exactly like what they are—old dolls.

For 15 years he has been dealing with small girls or with equally demanding spokesmen, their parents, until he has come to know what, in a majority of cases, is wanted. The point is, will the doll come back from the doll man as good as it went? That is, will it be its own sweet self with its tawny scrambled hair and the left foot that insists on turning outward?

Will it come back "exactly the same," save for the correction of its major trouble which is the cause of its visit?

It is the doll man's job to see that it does. Sometimes his temptations are extraordinarily great. If he notes that the smear of accumulated dirt has obscured the real beauty of the doll, he longs to use his paint-spraying machine, put the roses back into Dolly's cheeks, give it a clean pink glow from tip to toe. But he knows better.

Things Must Be Just So

The danger of making Nancy's new elbow too pink, too fresh by contrast with the rest of her mottled complexion will have to be avoided in some other way.

"One child told me that not a single change should be made in her doll," he said. "It happened that all the fingers on one hand were missing. I told her I could replace the hand. She wanted it to remain the way it was. The hair was so badly tangled it had lost all its beauty. She didn't want it touched. It was a part of "her" doll. Naturally, you wonder why she allowed the doll to be brought to me. It was a purely mechanical thing. The elastic in the arm socket needed to be repaired so that the arm wouldn't entirely drop off."

Often it would be more profitable for doll man and doll owner both, if a new deal could be made. A new doll of a certain model could be sold for $1, whereas the repairs on the child's doll will perhaps cost more. But it is seldom that any loyal "mother" of 5 years can be made to see the advantage of a bargain in this case.

In fact, the small part which the monetary value of a thing plays with children is continually being evidenced in a doll shop.

At the doll hospital, where new dolls as well as new eyes, wigs, legs, etc., can be bought, a little girl, accompanied by her mother and grandmother, came for the purpose of making a purchase.

Money No Object

The mother picked out a conventionally beautiful doll, marked $15, having real hair and a complexion done by an artist. The grandmother approved the choice and the doll man, with one eye on the youngster, prepared to wrap it up. But the child, of course, had made her own selection. She had seen a "Dinah" doll, priced $2.95, and they had to buy it for her.

"But it evens up," said the doll man. "I don't always get the worst of it as in that instance. Often the children who come in here with a broken doll take a fancy to a new one while the other is being repaired, and an extra sale is made in that way. I never mind having the children come in here!

"Sometimes it is the father who comes. He arrives anxiously at the shop early in the morning after a practically sleepless night, and begs me to have the doll back in shape by the time he drives by that night on his way home. It happens that the night before an accident to the doll occurred, and they couldn't get the doll's owner to sleep for hours. And the father doesn't dare return without bringing it back to her, restored.

"If it is a baby doll, this is not so difficult, although it means that we must stop other work. But if it is a "regulation" doll with its 17 parts in contrast to the five parts which a baby doll has, it may mean an all-day task.

"Repairs are expensive, depending upon the fineness of the work. It is not unusual for persons to pay more than a doll is worth to have it repaired, provided it has been in the family long enough to have a sentimental value. Also, it is not unusual for persons, living many hundreds of miles away from New York, to bring their dolls here to be repaired.

Repaired Roosevelt Doll

"Recently I had to sew together the parts of an old doll belonging to Mrs. Theodore Roosevelt, wife of our former President. The doll had been in the family for 60 years. It was a German importation, made of leather, and the request to repair it came because the doll was to be exhibited in a museum.

"Sometimes the 'heirloom' is far less interesting than that one was. It may happen that it wouldn't bring 4 cents if you tried to sell it. No matter, it's been in the family for years, or it is Maralyn's favorite. It has to be returned—and no substitute.

"I have had dolls brought to me, having each part marked in such a way that the owner will be sure she gets it all back when my job is done. Once, a lady wouldn't let me take the doll in my hands while I showed her what I intended to do with it. She wanted to be right at my side, too, when I did it. I refused the job. I had visions of a summons, if anything went wrong!"

Shelves and shelves of headless dolls, legless dolls, armless, cracked, solid, old dilapidated dolls ignominiously referred to as "stock" were to be seen in Mr. Lancet's work room. "Stock" they may be, these once-beautiful, now soiled and dismembered dolls of another day, but after hearing his story one knows that any one of them may be the very one to supply the missing part of poor Clarabelle, whose complexion, perchance, is no better than theirs—a priceless collection, indeed.

ARTIST DECORATES COPENHAGEN SCHOOL

Special to The Christian Science Monitor

COPENHAGEN — That school children may have a high standard of art work before them, a decorative fresco has just been completed in one of the new schools of Copenhagen by a well-known artist, Andreas Friis.

A thick glass roof gives a soft effect to the birds and animals in tropical colors among their natural surroundings. The corridor chosen is that leading to the large gymnasium of the school, which has a high wall on either side. As one walks through the corridor the effect is of being in the open air or in the woods.

JAPANESE TAKE STRATEGIC CITY ON CHINESE SOIL

(Continued from Page 1)

China becomes financially autonomous, not remitting funds as previously and withholding payments. Whether the movement toward autonomy extends depends largely upon Nanking's attitude.

Expected U. S. Warning Fails to Reach Japanese; British Make Protest

By Radio to The Christian Science Monitor

TOKYO, Jan. 7—The French, British and American Ambassadors all visited the Foreign Office today. However, it is officially stated that the visits are unconnected with the impending declaration by Mr. Henry L. Stimson, American Secretary of State, the contents of which are eagerly awaited here. The official spokesman said that Sir Francis Lindley, British Ambassador, had visited Mr. Matusuzo Nagai, Vice-Minister of Foreign Affairs, to renew protests against General Honjo's action in sequestering the funds of the Peiping-Mukden Railway.

It is understood that Mr. Nagai replied that the funds would be released as soon as possible and pledged his word that Japan had no intention of interfering with the railway anyway.

No Instructions Received

The funds were originally sequestered when the Japanese assumed control of the Chinese banks, and were thereafter held to prevent a share of them passing to Marshal Chang Hsueh-liang, who would naturally have used the money to further the anti-Japanese campaign.

M. de Martel, the French Ambassador, visited Mr. Nagai, explaining that he had had no information regarding any Paris dispatches instructing him to call the attention of Japan to her obligations under the Franco-Japanese treaty of June, 1907, regarding China's territorial integrity.

The Ambassador said he had not received any such instructions and he believed that the report of the dispatches was incorrect. It is thought that some misunderstanding arose in connection with possible French solidarity with Mr. Stimson's impending declaration.

Cleaning Up Bandits

Mr. W. Cameron Forbes, American Ambassador, said that he visited Mr. Isuyoshi Inukai, the Premier, merely to pose with him for a talkie news reel, and that he conversed with him incidentally about Manchuria, without conveying anything new. It is believed that the embassy here has not been informed what Mr. Stimson intends to do. It is known that a section of official American opinion believes that further démarches from Washington regarding Manchuria are useless, and possibly tend to delay a direct Sino-Japanese settlement; also that they complicate Japanese-American relations. It is not believed that anything resembling triple intervention is impending.

Col. Seishiro Itagaki, senior staff officer of the Kwantung army, arrived here today and told the press that he believes independence in Manchuria to be certain, since the majority of the population is heartily sick of the old program of mixing in with the disputes of China proper. He said that the army is stationing semipermanent detachments in all the walled cities to suppress banditry. However, he hoped that eventually the Chinese peace organizations will be able to preserve order. He said that the Kwantung army plans to establish a political department attached to its headquarters and composed of representatives of the South Manchuria Railway and the Government of the Kwantung leased territory. He said that all the Japanese in Manchuria oppose the continuance of the old "quadruple administration."

The army is continuing its operations against the bandits. It has dispersed a large band of guerrillas which occupied Tiehling overnight, destroying the jails and freeing 224 prisoners. The Japanese forces reached Tiehling at daybreak, the bandits retreating northward after severe street fighting. The guerrillas are apparently following the fixed plan of destroying the jails and releasing the prisoners in all raids.

Historic Tax Book Lent to Library

Special to The Christian Science Monitor

RICHMOND, Va.—A manuscript tax book showing the names and taxable property of citizens of Williamsburg and its vicinity for the years 1768 and 1769 has been received at the state library and will be photostated, it is announced by Dr. H. R. McIlwaine, librarian.

Dr. McIlwaine stated that the historic record is loaned to the library through the courtesy of Dr. W. A. R. Goodwin of Williamsburg, and Mr. Harold R. Shurtleff, director of the Research Department of Williamsburg Restoration. Entries in the book are very plain and were presumably made, Dr. McIlwaine said, by the sheriff of Williamsburg.

Among the citizens listed are the old colonial names of Burwell, Randolph, Tyler, Coke and Henley. The manuscript shows the number of "tithes" assessed against each citizen and the number of acres of land owned.

GENERAL ELECTRIC STOCKHOLDERS

SCHENECTADY, N. Y., Jan. 7—The stockholders of the General Electric Company increased by 33,323 between December, 1930, and December, 1931. The total number of stockholders in December, 1931, was 150,073, the largest in the company's history.

Progress Shown In Development Of Natural Gas

The year just ended witnessed a continuation of the phenomenal expansion of the natural gas industry, and there now are 39 states in which natural gas is used or is about to be made available.

The completion of approximately 4000 miles of major pipe lines to leading industrial sections furnished most of the development in the industry during 1931, although plans were drawn for other transmission and distribution systems to be constructed when favorable conditions for financing prevail.

All in all, 1931 was probably the most important year in the growth of the industry.

Outside of New England, there are only three states that will not be listed this year among natural gas consuming areas, and pipe lines may yet be extended to certain cities of those states when sufficient demand is created.

Most of the new pipe line network completed during 1931 is west of the Mississippi River where the huge gas reserves of the Amarillo-Hugoton area still have surplus gas production sufficient for contemplated additional pipe lines.

With Minneapolis, St Paul, Milwaukee, Duluth, Omaha, South Bend, Fort Wayne and other important markets not yet supplied with natural gas, it is probable that further expansion will continue to be concentrated in the Middle West for some years.

With strong operating companies now controlling the industry in practically all parts of the country, its future is assured of continued progress.

MEEKINS, PACKARD & WHEAT, INC
SPRINGFIELD, MASSACHUSETTS
HIGHLIGHTS from the Semi-Annual Sale of Furniture and Floor Coverings
Burled Walnut Bedroom Suite
With Twin Beds $98
Dresser, twin beds, and choice of either chest or drawers or vanity dresser for $98. A well constructed suite, dustproof throughout, a quality product at a very low price. Suite with full-size bed for $88.
American Oriental Rugs
that are exact copies of Rare old Sarouks
9x12 Size $69.50 usually $89.50
8.3x10.6 Size $62.50 usually $82.50
Meekins Convenient Payment Plan available on all purchases of Furniture and Floor Coverings.

ALBERT STEIGER COMPANY
A Store of Specialty Shops
HUNDREDS of busy shoppers stepping through the entrances of the Albert Steiger Company find themselves in one of the most unusual stores of all New England.
Sixty-nine individual shops including the new Hall Galleries famed throughout New England for gifts of distinction ... and the Downstairs Store which carries high grade merchandise at low prices.
SPRINGFIELD, MASS.

The Bonnie Wee Shop
wishes to extend
The Season's Greetings
to readers of The Christian Science Monitor and express sincere appreciation for their patronage.
Millinery Beauty Shop
42 Vernon Street, Springfield, Mass.

Hampden Savings Bank
Large enough to protect your interests adequately and interested enough to give you the best possible service.
$1 opens an account
1665 Main Street
SPRINGFIELD, MASS.
Established 1852

The January Sales at Forbes & Wallace
Incorporated
Women's Underwear
House Dresses
Corsets
Linens, Cottons
Men's Yorke Shirts
New Silks
Wool Fabrics
Women's Winter Coats
A series of major events marked by extremely low prices on the standard qualities you always buy here.
SPRINGFIELD, MASS.

Steefel Says January Clearance Sale
of Girls' and Misses' Coats, Hats and Dresses at greatly reduced prices.
Steefel Brothers
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Spring Flowers Are Now in Season
Freesia Tulips, Sweet Peas, etc. Beautiful Assorted Cut Flowers in Attractive Arrangements
$2.50, $4.00 and $6.00
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101 NORTH PEARL
PIANOS INSTRUMENTS RADIO
46 YEARS ON NORTH PEARL STREET
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671 Palmer Avenue at the Parkway
Bronxville, N. Y.
Tel. Bronxville 2446
Luncheon 50c and 65c
Dinner $1.00
Sunday Dinner, 1 to 7:30
$1.00 and $1.25
Orders taken for Cakes, Pies, Salads, Sandwiches. Also Catering to private parties.

Whitney's
ALBANY, N. Y.
February SALE of Fine Furniture
Begins January 19th, 1932
Great Savings Possible

ROCHESTER, N. Y.
The Washer Women Want—
See the new GAINADAY ELECTRIC WASHER. It has a slow speed for laces and lingerie, and a "high" for coarser garments. Buy a Gainaday and have your clothes "On the Line Before Nine."
Rochester Gas & Electric Corporation

ROCHESTER, N. Y.
Now On!
Forman's Annual Sale of Undergarments
An event that bids fair to eclipse all its predecessors ... because values are better, qualities finer, styles newer ... and prices are at new low levels. Better shop it!
B. FORMAN COMPANY
CLINTON AVENUE SOUTH

ROCHESTER, N. Y.
NOW
McCurdy's
GREATEST JANUARY SALES

ROCHESTER, N. Y.
Shop at SEARS and SAVE
Sears, Roebuck & Co.
Monroe Avenue at Union

ROCHESTER, N. Y.
A large assortment of Radios and Musical Instruments
The BUESCHER Band Instrument Line Exclusive
No interest of finance charge.
The Hoffman Music Shop
26 SOUTH AVENUE
325 Joseph Ave. 468 N. Goodman St.
Open evenings.

ROCHESTER, N. Y.
SALES DATES for 1932
Lingerie . . . . . Now in progress
Silks . . . . Now in progress
Housewares . . . Now in progress
Linens . . . . . . January 11
Fancy Linens . . January 18
Floor Coverings . January 25
Corsets . . . . February 1
Notions . . . . . February 8
Sibley, Lindsay & Curr Co.

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RESTAURANTS
BUFFALO 660 Main St.
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50c Luncheon
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ALSO A LA CARTE

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Shop at Dey's
And discover the Newest in Fashions
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SYRACUSE, N. Y.
Lowest Prices in Sixteen Years
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Suits and Overcoats
$18.75-$22.75 $31.75
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The W. I. Addis Company
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FROM OUR FARMS TO YOU
PASTEURIZED CLARIFIED
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BROAD ACTIVITY PUTS SOUTHEAST IN FRONT RANKS

Education, Aviation, Highway Work Show Progress in 1931

Special to The Christian Science Monitor

ATLANTA, Ga.—The southeastern part of the United States has shown extensive progress during 1931. Some of the advances have been purely sectional, more, perhaps, have been nation-wide in their effect. Still other developments have indicated that this section is in the van.

An achievement of national import was realized when in Alabama, during the year just closed, there was completed the last unpaved stretch of Route No. 1, from Maine to Florida, threading the states on the Atlantic seaboard, with the master stitch of a great cement highway.

Liberally through the diary of 1931 are sprinkled the achievements of this section. Georgia won first place in a contest on banker-farmer activities conducted by the agricultural commission of the Bankers' Association. Atlanta has advanced to third place among the American aviation centers with the inauguration of air routes to Charleston and Savannah from Atlanta. Reports place North Carolina and Georgia at the forefront in the drive for literacy.

Two commercial precedents were established when it was announced that 1931 had witnessed the largest sugar and rubber importation into Mobile in the history of that city. Georgia's state highway board reports approximately twice as many miles of road surfaced in the past year as in any year of the board's existence.

Education Goes Forward

Much has been done for education in the way of buildings and programs for disseminating knowledge to all races, colors and ages on many subjects, ranging from the academic to the appreciation of the beauties and natural resources of this section. With headquarters in Atlanta, the American Library Association has established extension work in the Southeast. Negro adult education has been started both in Atlanta and New York in the last year. In Mobile a Negro library has been built.

Southern universities have gained educational increments in the form of buildings and other facilities. The Lumpkin Law School Building at the University of Georgia has been completed, as has the Dawson Building, added to the Georgia School of Technology. One million dollars was anonymously donated to Atlanta University, $300,000 of which was appropriated for a library.

Secondary school systems have been augmented by the additions of many high school buildings in this section. In Mobile there was completed the Murphy High School gymnasium, reputed to be the best high school or college gymnasium in the Southeast.

Legislation has rallied to the progress of education. The administration of the University of Georgia has been reorganized in accordance with standards of greater efficiency. Regulations governing admission to the bar in Georgia have been made more stringent, as have the requirements for law school graduates.

Many New Highways

The Southwest is putting into the lasting investment of construction vast energy and capital. A $250,000,000 building program is under way in this section. Each state has undertaken road building or repair projects. Georgia announces its program of road building to be $12,000,000, South Carolina is proceeding with its $65,000,000 highway program.

Other outstanding construction achievements comprise: a $3,000,000 county courthouse in Birmingham, a $5,523,000 federal building project in Georgia, a $2,000,000 drainage undertaking in Birmingham, the $23,000,000 Saluda Dam in North Carolina, additions to a city block of Government buildings in Savannah. Work on the Mobile sea wall is under way, a project from which Mobile expects to realize important civic returns.

Alabama has done vital work in the forging of national highway chains. In this State the last link in a highway that will provide a paved surface from Florida to Chicago was completed.

The year has produced advances in the work of social welfare organizations. In order to care for dependent children the board of public welfare in Georgia has initiated a program devised for this end.

Outstanding among the recreational ventures is that in Birmingham where $5,000,000 has been spent in the improvement of parks and recreational centers. A $450,000 marine hospital in Mobile is one of the several large institutional projects carried out in this section. The anti-vivisectionists have organized in Alabama. Educational projects also must be regarded under this head of social welfare.

Aviation Makes Strides

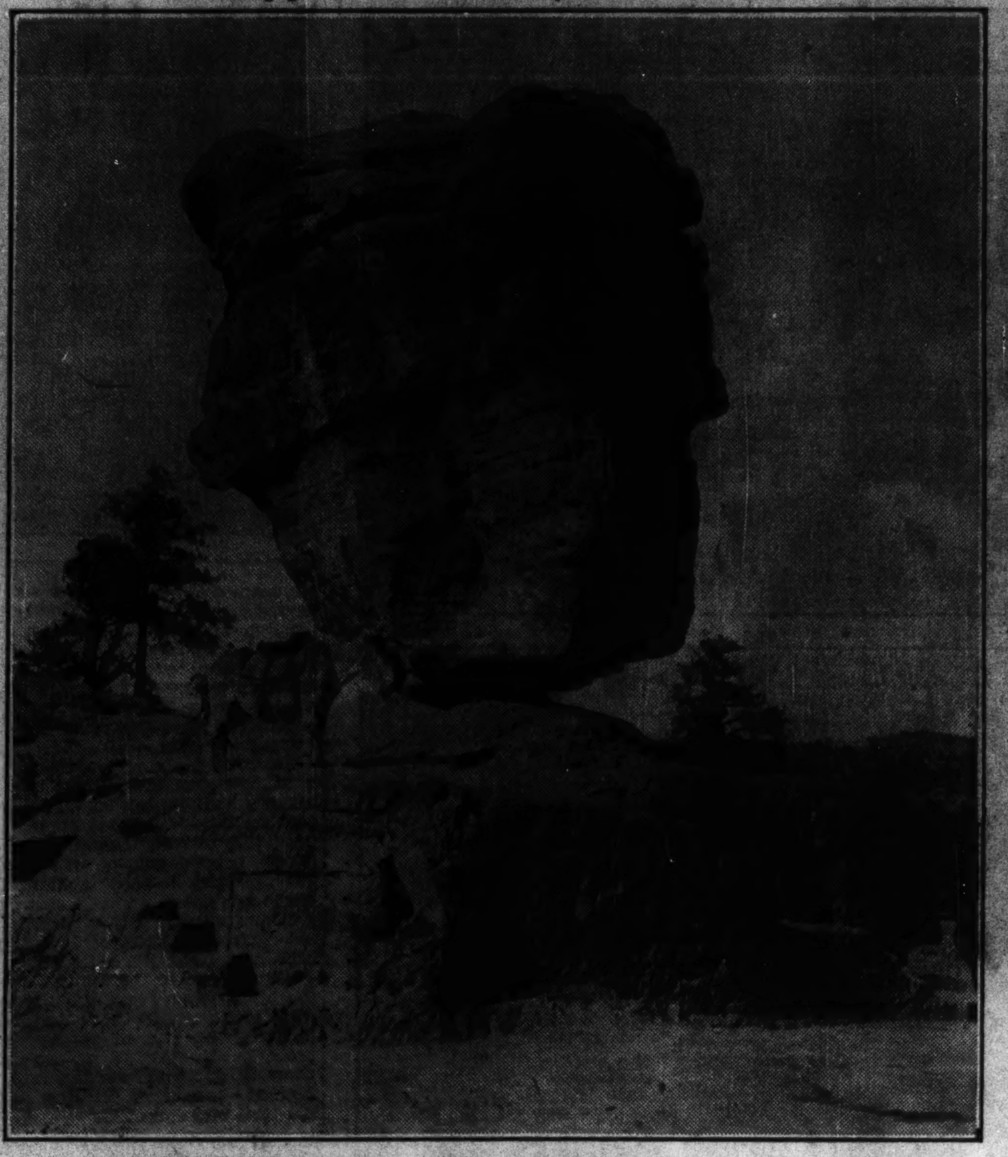
Particularly notable has been the progress of aviation in the Southeast. The Monitor correspondent in Georgia characterized the development of air passenger travel the most marked of that in any industry. Each month has produced an advance in this traffic.

Colleges have done much to meet the demands of aviation. In the Georgia School of Technology a $96,000 aviation school has been completed and dedicated. To meet the rapid developments of air lines throughout the Southeast, airports and other facilities have been constructed. A $3,500,000 expansion program has been started at the Maxwell Field Airport, Montgomery, Ala., a modern airport for Savannah is under construction, an airport has been dedicated in Columbus, Ga., and an air service has been started in Charleston, S. C.

Improvements have been recorded in industry, commerce, and shipping. Eighty-two new concerns have located in Atlanta. Increased business has been reported for Tennessee, Florida and Alabama. Foreign trade in Georgia products increased $700,000 in the fiscal year.

In Alabama, especially in Mobile, have been extensive additions to shipping and its facilities. The furtherance of work on the Mobile-Pensacola Canal has been carried on. A textile plant and 75 houses have been completed to form a mill town in Austell, Ga. The building and increasing of industrial plants to introduce ventures or to carry on established activities are announced from nearly every major city in this section.

Tipped, But Steady as a Rock



BALANCED ROCK, COLORADO SPRINGS

Famous Balanced Rock of Colorado Bought by City for Public Benefit

Special to The Christian Science Monitor

COLORADO SPRINGS, Colo.—Balanced Rock, which has been one of the chief attractions of the famous Garden of the Gods since 1870, is to be restored to the public.

For many years it has been hidden, except for an enticing view of the top, by a high board fence, and an admission charge was made.

Now the entire tract has been purchased from the Curt Goerke interests and the entire area will be thrown open again. The city of Colorado Springs has bought it at a cost of $25,000.

Balanced Rock and the adjoining tract is just outside the main Garden of the Gods, which was long ago presented to Colorado Springs by Mr. Charles E. Perkins, a former president of the Chicago, Burlington & Quincy Railroad. At that time it was there for all to see. The elder Goerke set up a store and photograph stand near it and made his living selling curios and taking pictures of tourists standing by the rock. That was before the time of kodaks and automobiles.

Then came kodaks and automobiles. People took their own pictures and then hurried on. Business at Balanced Rock and the West Garden of the Gods began to vanish. In an effort to keep the property productive, the son, Mr. Curt Goerke, erected the board fence around the rock, wire-fenced the 275-acre tract and charged admission.

The giant sandstone boulder balances itself on an incongruously small base. How it does so puzzles many, but geologists explain that the action of frost and rain brought about this miracle of equilibrium, and as long as the proportions continue, even though the elements gradually reduce the size of the rock and its base, it will continue to be poised.

CHILE AND GERMANY AGREE ON TRADE

SANTIAGO, Chile, Jan. 6 (By U. P.)—Chilean nitrates are to enter Germany duty free in exchange for Chile's granting German goods "most-favored-nation" treatment, according to a temporary agreement reached yesterday by the Provisional Government and the German Legation.

The agreement will expire June 30, 1932.

Theatrical&Masquerade Costumes for Children
For sale—Made to order
Prices Very Reasonable.
Bi-Centennial Costumes
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47 Hanover St., Boston, Mass.
Write for circular

THE CHARM OF YESTERDAY

Queen Anne Lamp

A delightfully quaint lamp that has been electrified. It may be used as a wall lamp or removed from its bracket and placed on a table or desk. The lamp and bracket are of solid brass, and shades come in a variety of dainty flower patterns. Color scheme of room should be mentioned when ordering. 11½" high over all $5.95

Colonial Magazine Rack

A bit of attractive furniture that is a spacious newspaper and magazine rack. A true reproduction—it adapts itself perfectly to the Colonial or Early American. Birch finished walnut, maple or mahogany. Measures 19"x10"x 30" high $8.95

Delivery charges prepaid within 100 miles of New York.

The three New Yorkers always extend a welcome to Monitor readers—far or near—whenever they come to this store.

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'The House of Fine Housewares'

LEAVENS
January SALE of Furniture

Reductions of 25% to 50% and Even More From the Already Greatly Lowered Prices

Positively the Best Values in Our Entire 58 Years

If you have need of Furniture now—or will have later—do not miss the astounding offerings in this event. You know the character and worth of Leavens furniture. The name of the House itself has stood for Quality Merchandise for many years—a distinctive Quality due to carefully selected woods, thorough workmanship and an appearance in which the owner can take justifiable pride. This is the kind of Furniture you are now able to buy *at much less* than you would expect to pay—*at much less* than you would pay elsewhere for equal goodness.

Here Are but Some of the Many Offerings in This Sale

—75 Bedroom Sets—45 Dining Room Sets—20 Davenports—43 Large Upholstered Chairs—29 Wing Chairs—53 Chintz Chairs—38 Bookcases—78 Mirrors—69 Desks—36 Secretary Desks—410 Small Tables—and many other articles.

PURCHASES HELD until wanted by paying a SMALL DEPOSIT

Unfinished Furniture

The Largest Assortment in New England
—Over 10,000 Pieces Now on Sale
—Over 600 Samples on Display

The House of Leavens has long been recognized as headquarters for unfinished furniture. Every piece is solidly and substantially made as you will readily see. Many prefer to buy furniture this way, examine the sturdiness of the construction, and select the very finish they desire.

During the month of January we will take orders on any of our unfinished furniture and will finish it in any color of stain, paint or enamel at 25% discount from the stain finish price.

Striping will be done without charge—Decorations at one-half regular prices

Summer Furniture

Hickory—Chinese Cane—All Metal

1/2 the Regular Price

Buy now for next Summer and save half the regular price. You may leave your purchases here carefully stored until you need them, without extra cost. There's a great variety of articles including

325 Pcs. in Hickory—310 Pcs. in Chinese Cane
300 Pcs. All Metal Outdoor Furniture

A Few of the Other Outstanding Values

2-PIECE LIVING ROOM SET - - - - $95
Choice of tapestry, novelty weave, plain fabric or friesette upholstery; genuine hair filling.

FULL SIZE WING CHAIRS - - - - - - $30
Solid mahogany, hair filled, choice of 20 covers.

FULL SIZE CLUB CHAIRS - - - - - - $30
Hair filled, choice of 20 different covers.

BOUDOIR CHAIRS - - - - - - - - - - - $8
Maple Arms and Legs. Choice of chintz covers. Webbed seat.

WILLIAM LEAVENS and CO. INC.
32 Canal Street, BOSTON
FREE DELIVERY of purchases made at this sale throughout New England.

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Importer *and* Dealer of Authentic
ORIENTAL RUGS & CARPETS
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M.K.SOUKIKIAN
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CLEANSING and REPAIRING
by Skilled Armenians

Couldn't Take *Any More* Advertising

THE rotogravure section which is a part of this issue of The Christian Science Monitor contains 105 columns of advertising. There would have been more advertisements if there had been room for more.

When the Monitor decided in November to issue this World Achievement Issue, the size of the rotogravure section was set at 32 pages, and the advertising contents at approximately 100 columns.

December 14, more than three weeks in advance of publication date, a telegram was sent to all branch advertising offices of the Monitor saying that insertion of rotogravure advertisements placed later than December 16 could not be guaranteed, as the advertising space was practically filled.

▼

Why, in a time of business depression, and of heavy decreases in advertising linage, were these Monitor columns so quickly filled to overflowing with messages of representative advertisers in all parts of the United States, and overseas?

We believe an outstanding reason is that the Monitor, in its policies governing news, editorials, features and advertisements, strives to MAINTAIN BUSINESS MORALE, under all conditions. The Monitor, in telling the world's news, gives prominence to constructive events, and seeks to present at all times a complete and accurate picture of conditions.

▼

More than 22,000 advertisers, the world over, use the Monitor's pages. Most of them have kept right on with their Monitor advertising through this depression period. They realize that circulation figures, line rates, and market surveys are not the complete measure of a newspaper's value to an advertiser. The *kind of newspaper* that is published, and the *kind of readers* who are attracted, and retained — these are important factors!

THE CHRISTIAN SCIENCE MONITOR
"A Quality Medium for Quality Products"
Published by The Christian Science Publishing Society
107 Falmouth Street, Boston, Mass.

Good Cheer and Warm Welcome Await Winter Traveler in Cuba

Whether by Railway, Motorcar, Airplane, Muleback or 'Shank's Mare,' Beauty and Hospitality Beckon From Every Hand

By JANET MABIE

Staff Correspondent of The Christian Science Monitor

HAVANA—This lovely island, set in the emerald wash of the Caribbean, has more than 3,500,000 inhabitants; and wherever you go among them for your holiday this year, you will find them glad that you are come, and anxious to see you well taken care of.

They will smile at you and willingly exchange their perhaps few words of English for your equally few words of Spanish. They will be glad to explain to you the complex mysteries of some Cuban dish you have heard about and wish to try; they will be able, and glad, to tell you little bits that you ought to know about various historical monuments, for the Cuban is an ardent admirer of his country's history, and keeps his memory of it burnished.

The Cuban is sensitive to beauty and you can find plenty who know the precise moment of the long dusk to point out to you an incomparable, lilac-veiled view of lowering old Morro. If you stop to notice the Cuban's children, he will be pleased; if you remark on the handsome grilling of his front door, and smile at the scarlet hint of flowers like sentinels in the dim patio beyond, he will be pleased too; in short, you will find the Cuban friendly.

Cubans Always Cheerful

Struck by adversity in the economic crises that have spread over the island, the Cuban does not lose his talent for cheerfulness; he may not have had much to eat, but a talent for hospitality is not nurtured by rice and chicken and bread; and while you are there, he will draw a little cloak about his own affairs and see to it that you are smiled upon and sent upon your way.

A variety of practical measures have been taken by the Government to see that visitors to the island are made comfortable this year. Not the least of the provisions is the decree signed by President Machado making it possible for members of recognized automobile clubs to use foreign-owned cars for a period of a year without paying duty.

As it is true that there are many parts of the island which it is impossible to reach except by railroad, it is also possible to see a great deal more of Cuba by using an automobile than can be merely touched upon by taking the train the length of the island. The great Central Highway, running straight through the island is a marvel of road building. Not a grade crossing marks its length; it is many cars wide and its winding length is rich in vistas no careful observer can ever forget.

On the road out from Havana to Batabano, for instance, there is a little stretch over which giant mahogany trees lock their branches in a particularly impressive tangle.

Railroad Ties of Mahogany

Mahogany trees grow everywhere on the island, but there is something about this particular clump that, once seen, cannot be forgotten. The strange surface-roots, a curious gray, wandering along either side of the road. . . . The whispering leaves in the dark tangle overhead . . . . The almost humorous associated fact that the wood of mahogany trees, considered of such value in other countries, is used for railroad ties in Cuba. . . .

There is an interesting point to be made about the contrast and the advantages of railroad and automobile travel on the island.

If you go to the railroad station in Havana, you will find that the railroad bears considerably the musical name of "Ferrocarilles Consolidados de Cuba." An American, recently visiting the island, adds a cogent comment; "and it is no small shakes of a railroad either."

The interior of Cuba, which has a beauty and charm the visitor to Havana would do well to consider, relies to an amazing extent upon this smartly run railroad. The railroad, as you might say, is run in Spanish. Yet no American ever had any difficulty with porters or stewards or conductors on the long run to Santiago.

The locomotives burn oil—the roadbed is smooth and travel is amazingly free of dust, even though the windows are constantly open. The cars are built of Cuban mahogany and there are the customary stateroom and compartment accommodations. Many of the stations are in sections of the island not touched by the Central Highway.

Seeing It Muleback

There will be an amusing little clutter of houses and thatch "bohios" near the station, with clusters of men, women and children and the family livestock gathered to watch the train, and sell fruit, and chatter at or about you. But if you get down at one of the stations and want to see something of the "town" you will find that "town" is a negligible term, and that once you leave the line of the railroad, or the highway if it touches near by, you must take a horse or a mule to ride through the rough, red clay roads.

But, unless you are singularly lacking in the adventuring taste, you will do so, at least once, for that is the way to see something of Cuba that has never [illegible] been put in books, nor is it to be forgotten, once seen.

If you are fortunate in finding a chaffeur at the Sevilla-Biltmore in Havana who really has a taste for acquainting visitors with the core of Cuban life, you may be invited to a Cuban home of the people. Invitations to the homes of the upper social class are not so easy to manage and if you do receive one, you must not treat it lightly; for peopple are not asked into the Cuban upper class home as indiscriminately as Americans ask people to their houses, and an invitation means more than you would suppose.

Housekeeping Is Simple

Cuban housekeeping is a simple matter. Its appurtenances are few and simple. The chief problems are washing and cooking. The cooking is done over a charcoal fire, the universal cook-fire of the island. Coal and wood are only rarely used; charcoal is burned in a cast-iron pot which, as you ascend the economic scale, is refined into the semblance of a little stove, shaped rather like an hour glass.

In the better homes there may be a row of stoves, inclosed in a broad tiled bench in a kitchen whose walls are completely tiled. Heat from the stoves comes through an aperture at the top of the bench, just as heat is delivered in a gas stove.

Cleaning and washing in Cuba are no light matter. In what would be called the poorest sections, the wash hung rainbowlike on the line is dazzling crisp and clean and you would have a hard time to find a Cuban mopping his face in the noontide sun with anything but a snowy handkerchief.

Aviation is bound to share in the tourist season of Cuba this year by reason of its savings of time for those who want to cover the island completely and yet must do it in a comparatively short period of time.

Increased service, lower fares, bright predictions and new records have been written into the aviation history of the country as December ends and the beginning of the year brings the beginnings of the visitors from the North and some European countries.

Airliners Roar Over Island

Pan-American Airways, operator of the air line between Havana and Miami, is placing in service the giant American and Caribbean "clippers," 50-passenger ships, to care for the growing air traffic. The cost of the round-trip between the United States and Cuba has been reduced to $42.

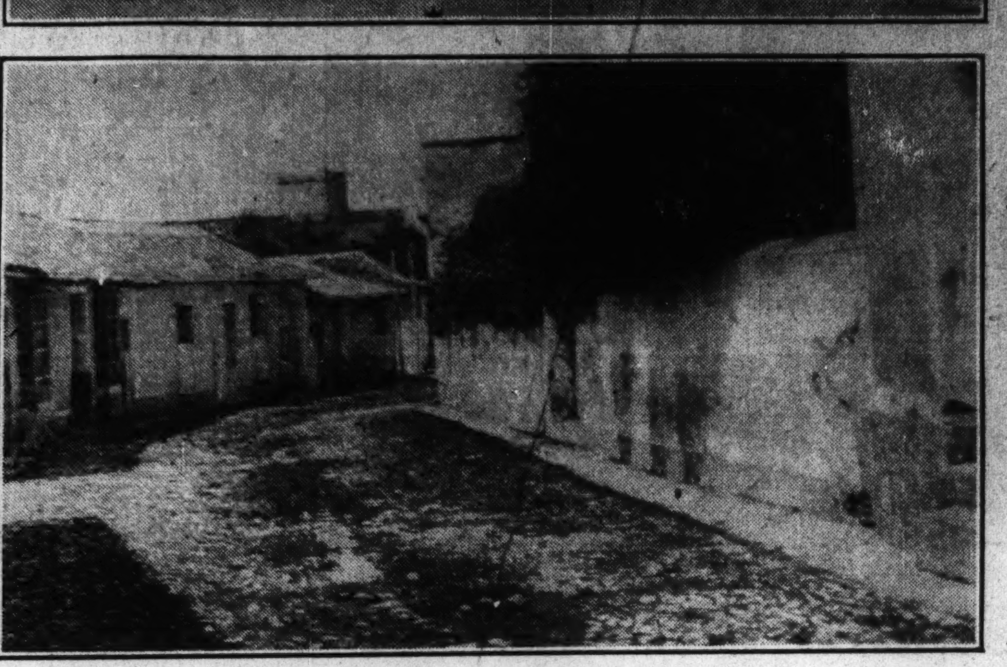
Aviation is relatively new in Latin-America. It came as a fully developed means of reliable transportation and with no aura of days of barnstorming in "hay wire crates"; the consequence is that the Latin-American business man has embraced the scheduled aviation routes as an efficient and economical means of transportation so that now it is what might be called cheap to travel over Cuba by air; it is scenically eventful, and it saves time, if you must consider that element.

Next year, it is expected, there will be a 10-hour service between Havana and New York City. The winter-weary traveler may then drive through snow drifts to an airport near New York in the morning and before sunset bask in warm scenes of tropical splendor in Havana.

So put a little mark of assent against the idea of going to Cuba this winter. Cuba needs friends and is ready to take care of them as friends should be taken care of. If you have six months, you will not come to the end of the things Cuba has to show you; if you only have two weeks you can fill them with things you will never forget.

There will be sights and sounds, impressions of colors and textures, and the perfumes of flowers; beautiful white sand on the beach at Mariano . . . little white boats bobbing about the buoys of the Havana Yacht Club; sail fishing . . . jai alai games at the frontons just outside the city . . . turquoise skies and star-strewn nights; music . . . living history . . . laughter, gayety.

Old and New Contribute Color in Cuba



ROMANCE BECKONS JUST ROUND EACH CORNER

There Is Magnificence in Cuba and There Is Glamour; There One Finds Ancient Things Lending Mellowness to Modern, as in the Upper Left Picture, Which Is the Grounds of the National Capitol at Havana, and at the Upper Right, Which Also Is in Havana but in a Corner of the Old City. Even More Attractive and Reminiscent of Ages Gone Is the Cobbled Street in Trinidad in Santa Clara Province. The Houses Here Are of the Ancient Type, and a Sweet Tradition Pervades the Atmosphere of the City, Which Dates From 1513.

SOUND FILMS HELD BIG HELP IN EDUCATION

British Experiments Show Screen Stimulates Interest of Children

Special from Monitor Bureau

LONDON—The great potential value of sound films in education was the subject of recent experiments conducted in 15 Middlesex schools in 1931.

The report of the committee, recently published, declares that the talkies will never be wholly satisfactory as an aid to education until their treatment is determined in cooperation with the teachers themselves. This fact underlies the whole question of improvements recommended by teachers, the report says.

The number of pupils subjected to the trials of teaching via the talkies was 3602. They ranged in age from seven to 16 years. The films used comprised such subjects as "Cyprus," "A visit to the coal face in a mine," "John Masefield reciting his poem," "The West Wind," "A talk by Sir Wilfred Grenfell on Labrador," "The growth of roots," "Incidents in the life of the Prince of Wales," "Glimpses of America" and "The London Naval Conference."

Though these films were not definitely made for school education, a majority of the teachers claim that they arouse and maintain interest. They develop originality and a larger measure of self-activity. They encourage children to read more widely, increase the pupil's ability to discuss topics and to write about them. They enlarge the vocabulary and relate the work of the classroom with the world outside.

A questionnaire sent to the teachers elicited mainly favorable replies as to the value of this adjunct to teaching. This is, apparently, especially so in the case of dull or backward children. For instance, in the film of the Prince of Wales one teacher noted that it interested the retarded class greatly and many questions were asked.

The children were also tested by questions and by the writing of essays. In some cases it was found that better results were obtained by waiting until an interval had elapsed after seeing the film. This was held to be due to the pupils having discussed it among themselves, and possibly having bombarded their parents with questions.

It was found that children, after seeing a film, propounded questions for discussion with far greater readiness than after an ordinary school lesson. It seemed that subjects which had been depicted before the children in film form aroused a desire to know more, and consequently provided teachers with a valuable basis on which to work in follow-up lessons and discussions.

GERMANY OPPOSES COUPON TRADING

Special from Monitor Bureau

BERLIN—The German Government has introduced a bill into the Upper House to prohibit coupon trading. The bill states that it is forbidden in retail trade to offer any free gift as an inducement to purchase a certain article.

Exceptions are to be made in cases where gifts of small value are offered as advertisements, or in lieu of a definite rebate, or when the purchaser is given the choice to claim the value of the gift in cash. Firms which offer rebates in the form of gifts may not, however, claim that their gifts are given free.

"On no account," the bill declares, "ought an impression to be created that the article which is given away by the firm is a free present, for such an impression would be pure deception, since the cost of the gift is invariably included in the price of the article. Announcements of such gifts should not, therefore, be allowed to mislead the public."

PARIS POST OFFICE MARKS GAYER MODE

Special from Monitor Bureau

PARIS—Opposing the time-honored tradition that post offices must be ugly, dark and grimy, the French Postal Department has just opened in the Rue la Boëtie, a model bureau which is the last word in modernity, convenience and atristic design.

Automatic weighing machines for letters and parcels, stamp-vending machines, and numerous other time-saving devices are at the disposal of the public. Cheerfulness is the prevailing note in the decorative scheme. Wall frescoes in gay colors depict appropriate subjects connected with the collection, transport and distribution of the mail.

A general campaign to improve branch post offices throughout France is in progress.

SLUM CLEARING GAINS IN LONDON TOLD BY MODELS

Housing Societies Hold Exhibit in Westminster Hall

Special from Monitor Bureau

LONDON—If all the buildings erected in Great Britain since 1919 were placed side by side, a row 7400 miles long would result. It would reach from the British Isles to Sumatra.

And still there are slums. In London 100,000 people live in condemned basements. There are some, near the canal in Paddington, who inhabit basements below the ordinary basement. These lodgings are infested with rats and large white moths.

Every day the lists of those who seek better, happier, cleaner surroundings grow longer, but the supply of accommodations is utterly inadequate.

On Dec. 7 the 19 voluntary housing societies of London staged an exhibition, opened by the Duchess of York, to show what the public can do to help in correcting such conditions.

Round the walls and down the middle of one of the great rooms in the Central Hall, Westminster, were maps, charts, diagrams and working models.

There was a model of derelict cottages in North Kensington, with sinking roofs and broken windows, environed by long stretches of waste ground. Standing close beside it was a model of the new building which, through the work of the Kensington Housing Trust, has now risen on the same site; housing, on four stories, 20 more families than were housed in the old cottage dwellings.

Farther along, the model of the "Rover" flats in which, by the simple expedient of closing up one doorway and opening another, two four-roomed flats could be converted into one of three rooms and another of five, for the convenience of those large families which suffer most in times of housing shortage.

A model of the dank, water-ridden slums of the Isle of Dogs, where the river rises to the level of the window sash of the lower rooms, and families are driven to find refuge on the upper floors, was shown, and not far from it the delightfully constructed model of an apartment which for 16s. a week offers five rooms, a bath heated by a patent boiler which contrives to maintain its small furnace red hot on bucketloads of rubbish, and a skillful arrangement whereby the family meal may be transferred straight from the stove through a ventilated "food-cupboard" to the living-room table.

But it is not always necessary to build, although the general aim of housing societies lies in that direction. In London there is always the possibility of reconditioning and, as it was pointed out, of substituting the fair and humane landlord for the greedy one.

To anyone willing to content himself with a dividend of 3 or 4 per cent may come the satisfaction of taking a hand in the work of clearing up the slum areas. Already well over 1000 families have been rehoused, while trained women house property managers—there are more than 50 of them working now in London—have taken the place of the old-time rent collectors.

Prison Inmates Win Certificates In Study Course

Special to The Christian Science Monitor

SAN QUENTIN, Calif.—One-fifth of the men in the state prison here received diplomas recently. The men—1096 of them—filed past a platform on which sat some of the foremost educators in California and received certificates showing that they had completed a three months' course of study.

Mr. Vierling Kersey, state superintendent of public instruction, delivered the "commencement address." He complimented them on their work and urged them to continue their studies. He informed them that he was going to report the results of their work to the federal commissioner of education in the hope that it will encourage other prisons to inaugurate educational systems on a large scale.

The federal department of education, he declared, had stated that the most outstanding achievement in education in California for the year had been accomplished at San Quentin.

But the men need no encouragement to study, according to Mr. H. A. Shuder of the state department of education, who has charge of the prison school. More than half of the total number of men are studying high school and university courses, and beginning this year about 4000 will be enrolled in classes that embrace everything from philosophy to arithmetic and electric engineering.

WOMEN IN ALBERTA GRANTED HOMESTEADS

Special to The Christian Science Monitor

EDMONTON, Alta. — Alberta women are steadily taking advantage of the new provincial ruling that women may now file on homesteads.

A report issued by the Lands Department recently showed that in October out of a total of 368 homesteads filed upon in Alberta, 174 applications for these free lands were made by women.

Utah Property Tax Ruled Payable On Installment Plan

Special to The Christian Science Monitor

SALT LAKE CITY, Utah—Property taxes in Utah may be paid on the installment plan if the treasurers of the various counties elect to accept partial payments, according to a decision of the Utah Supreme Court. Partial payments were projected by the new State Tax Commission as a means of easing the tax burden of the individual, while aiding the governmental units to provide a more regular revenue for themselves.

The legal powers of the tax commission to direct the manner of tax collections was questioned and the commission recalled the suggestion. Meanwhile, the commission courted a legal action which would determine the legality of the departure. In order to bring about a test case, the treasurer of Weber County announced partial payments as a policy of his office, with the tax commission asking the Supreme Court for a writ of prohibition.

Under the decision of the court, the county treasurer was upheld and the commission's writ was denied. It holds that the treasurer was within his legal powers in accepting partial payments, provided the installments are paid before the date of delinquency.

Members of the tax commission believe that installment payments will facilitate and simplify the collection of taxes in Utah. They point out that the annual payment now required constitutes a burden upon the taxpayer and is descended from the times when crops were marketed but once a year.

TO BUILD HONDURAS RAILROAD

COLUMBUS, Ohio, Jan. 7—H. B. Watters Company has arranged with the Government of Honduras for the construction of a 200-mile road at a cost of $8,000,000 to supplement the 70-mile system of Honduras National Railway, and to be completed in eight years.

GOVERNOR URGES 10 NEW ALASKAN SCHOOLS YEARLY

Annual Report Advocates Approval of 10-Year Road Program

Special to The Christian Science Monitor

JUNEAU, Alaska—Gov. George A. Parks of Alaska urges in his annual report to Dr. Ray Lyman Wilbur, Secretary of the Interior, construction of not less than 10 schools every year until facilities are adequate.

"There are 25 villages with a school population of more than 25 children where there are no school facilities," Governor Parks reports. "There are a far greater number of small communities which have a school population of [illegible]0 or more children who are denied the privilege of attending school. This is an unfortunate situation and should be corrected.

Among other recommendations in the report is the discontinuance of district superintendents in the Office of Indian Affairs and replacement by district inspectors.

Approval of the plan for reindeer administration and appropriation of adequate funds for carrying it into effect is advocated, as is opening of the Yukon River to limited commercial fishing by bona fide residents, subject to the approval of the bureau of fisheries.

Other clauses favor approval of the new 10-year road program of the Alaska Road Commission; improvement of Dry Pass, Gastineau Channel and Sitka Harbor, reports for which are in the hands of the chief of engineers; repeal of existing restrictions which limit the location of placer claims, as urged by commercial organizations and the Alaska Legislature; wire dragging and charting of the waters of Glacier Bay and other large inlets; correction of present boundaries of Mt. McKinley National Park, and an open season on all small fur-bearers in all sections where it is possible to do so without endangering the supply.

PENNSYLVANIA RAILROAD

PHILADELPHIA, Jan. 7—For the week ended Jan. 2 Pennsylvania Railroad handled 78,873 revenue cars, compared with 73,553 last week and 93,358 in the same 1931 period.

The Christian Science Monitor,
107 Falmouth Street,
Boston, Mass.

Please enter my subscription to The Christian Science Monitor for a period of one month ☐; three months ☐; six months ☐; one year ☐. I enclose remittance for $............

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Four packages—enough to make four pounds of fudge—sent to you for $1.00. Satisfaction guaranteed.
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C. 2163 [2 lines]

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The L. F. DETTENBORN Woodworking Company
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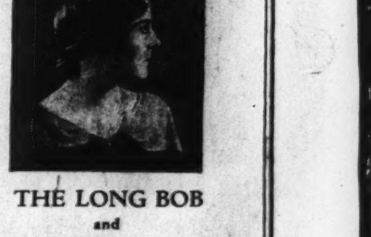

THE LONG BOB and PERMANENT WAVE as conceived by
Paul
add that distinctive note so desirable to Madame's coiffure! His process leaves the hair beautifully soft and lovely—so important to the woman of discrimination!
Telephone for Appointment
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Travel Information
Are You Planning a Winter Trip?
To the Sunny South?
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To the Winter Sports of the North?
Ask Travel Department of our Information Bureau for detailed and helpful information.
A list of retail, national, school, camp and other types of advertisers is kept for your convenience in our New York Advertising Office.
Call upon us.
270 Madison Avenue Caledonia 5-2706

NEW BUILDINGS SPELL FAITH OF PRESS OF WORLD

Newspapers Give Tangible Evidence of Confidence in Business Recovery

Many newspaper publishers throughout the world cite with satisfaction this year the tangible evidence of their confidence in business recovery—new buildings. Aside from the architectural beauty, added employment and general indication of progress involved in these developments, they have served to improve a most vital public service through increasing and bettering news facilities.

Large dailies from Paris, France, to St. Louis, Mo., in the face of rather trying economic conditions, have foreseen the benefits of building at this time. Many others have expanded in a smaller way, with added equipment or extensions, bringing the total expenditure to many millions of dollars.

The New York World-Telegram began publication from its $3,000,000 10-story plant on July 13, 1931. The building is strictly utilitarian, with little ornamentation, being constructed like a rectangular box, with many windows on three sides. The newspaper occupies the first five and the tenth floors.

Innovations include a sports copy desk, typewriters and telegraph machines in the composing room, for speeding the handling of important sports events. Telephones also are equipped with choke coils to eliminate transmitter noises. Every piece of equipment is the result of careful testing and long study. Mr. Roy W. Howard is president and editor.

The stately white new home of the Daily Telegraph in London is considered among the most up-to-date of British newspaper offices, and heralds what is regarded as a complete change in the skyline of the "street of adventure." The site on which the Telegraph building stands was once the home of abbots and friars. Today attractively displayed photographs of topical interest arranged in the façade attract crowds of passers-by, while within, the presses rumble. The building towers to the London limit of six stories and cost approximately £300,000. During construction, publication has continued, and there has been no formal opening, employees discarding the old quarters as successive sections of the new are completed. Mr. Arthur E. Watson is managing editor.

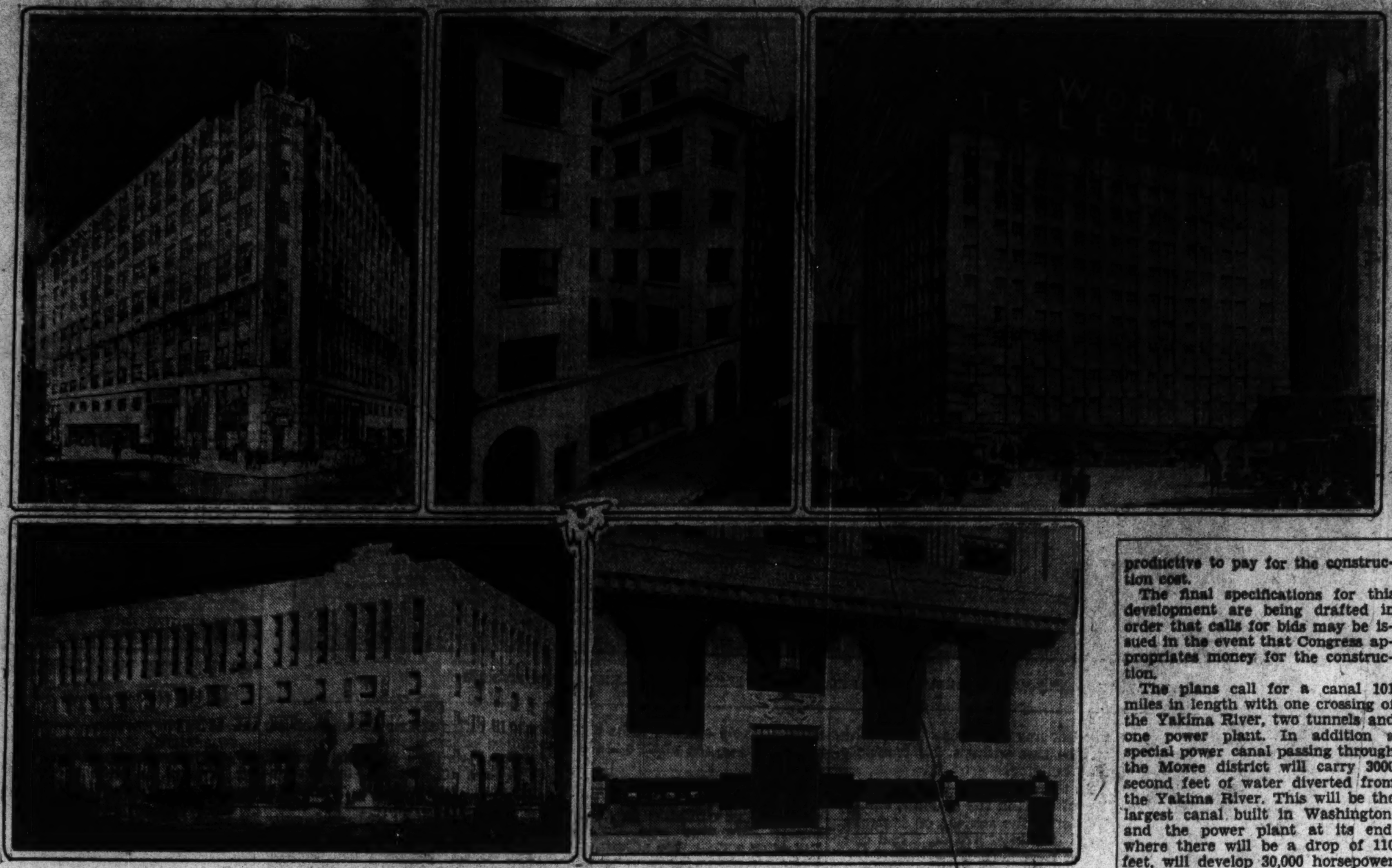
The St. Louis Globe-Democrat opened its new $2,500,000 home the week of Nov. 2, 1931. It embodies all modern features of mechanical efficiency without sacrificing beauty. The building is the result of study of the finest newspaper plants in the country. It is constructed of steel and concrete and is fireproof. It is six stories high with a deep basement and a subbasement into which a subway of the Illinois Terminal Railway delivers newsprint, saving thousands of dollars a year. Mr. E. Lansing Ray is president and publisher.

The new $3,500,000 plant of the Boston Herald-Traveler was dedicated Sept. 11, 1931, on the eighty-fifth anniversary of the Herald. The building rises in white polished granite and limestone, its seven stories reaching a height of 150 feet. Throughout the plant new machinery and equipment have been installed. There is a central radio receiving station.

Large conference rooms and an auditorium with a seating capacity of more than 1000 have been provided, giving opportunity for expansion in future. Decoration inside and out is in keeping with the New England tradition of simplicity. Mr. E. W. Preston is publisher and Mr. Robert Choate, manager.

The new building of the New York Herald in Paris, on the site of the American Church, was opened in December, 1930. Its modernistic design and terraced upper stories fit well into the Parisian scheme of things. Its completion marked 43 years of publication in the French capital since the Paris edition was established by Mr. James Gordon Bennett in 1887. A high-speed, motor-driven Scott press has been installed and all equipment is modern. Mr. Laurence Hills is editor and general manager.

Expressions of Confidence in the Business Outlook



NEWSPAPER BUILDINGS ERECTED IN PAST YEAR

Upper Row, Left to Right—The Boston Herald-Traveler Building; New Building of New York Herald, Paris Edition, at 21 Rue de Berri (© Keystone); the World-Telegram Building, New York City. Lower Row, Left to Right—New Home of St. Louis (Mo.) Globe-Democrat; the London Daily Telegraph's New Structure (© Daily Telegraph).

DECREASE IN CRIME NOTED IN SCOTLAND

Special from Monitor Bureau

LONDON—Crime in Scotland, as measured by the number of persons, hailed into court, showed a marked decrease in 1930 over the previous year, according to a statement issued here Nov. 11.

The total number of prosecutions was 109,376, the lowest since 1923. The decrease was due chiefly to a drop in "miscellaneous offenses," those usually dealt with in the police courts.

SENATE CONFIRMS MORTON

WASHINGTON, Jan. 7 (AP)—The Senate yesterday confirmed the nomination of James M. Morton Jr. of Massachusetts, as a judge of the Circuit Court, first district, succeeding George W. Anderson, retired.

Power Expected To Pay Part Cost Of Yakima Canal

Special to The Christian Science Monitor

YAKIMA, Wash.—Electric power development on the Roza division of the Yakima reclamation project will help to pay for the cost of building the canal and distribution system, thus reducing the construction charges that the settlers will have to pay, its backers state.

Engineers of the United States reclamation service are checking on surveys preparatory to the drafting of specifications for the Roza irrigation canal and the Moxee power canal, and economists are checking the soil conditions to determine how much land is to be watered. The review of soil conditions on the land is to make sure that no lands are included which are not sufficiently productive to pay for the construction cost.

The final specifications for this development are being drafted in order that calls for bids may be issued in the event that Congress appropriates money for the construction.

The plans call for a canal 101 miles in length with one crossing of the Yakima River, two tunnels and one power plant. In addition a special power canal passing through the Moxee district will carry 3000 second feet of water diverted from the Yakima River. This will be the largest canal built in Washington, and the power plant at its end, where there will be a drop of 110 feet, will develop 30,000 horsepower of electrical energy.

Some of the power will be used for pumping water to several choice areas of land above the canal, and the revenues from the sale of surplus power will be applied on the cost of the power development and the Roza irrigation system and on any uncompleted portions of the Yakima project. The land area to be developed under the Roza division comprises 66,000 acres and will be sufficient for 5000 people.

Registered at the Christian Science Publishing House

Among the visitors from various parts of the world who registered at the Christian Science Publishing House yesterday were the following:

Mrs. Carl M. Smith, Boston, Mass.
Miss Carolyn Oberhuber, Cincinnati, Ohio.
J. E. Oberhuber, Cincinnati, Ohio.
G. R. Tatton, Medford, Mass.
H. P. Newton, Andover, Mass.
T. W. Persan, Clinton, Mass.
T. S. Bird, Boston, Mass.
C. F. Kelly, Roslindale, Mass.
H. L. Sherman Jr., Hyannis, Mass.
H. F. Slattery, Worcester, Mass.
H. J. Belden, Clayton, N. Y.
W. M. Walter, Madison, Maine.
W. B. Grover, Lynn, Mass.
W. G. Richardson, Melrose, Mass.
P. W. Pearson, Ware, Mass.
W. G. Littlefield, Alton, N. H.
E. W. Perkins, Belmont, Mass.
Curtis H. Winters Jr., Framingham, Mass.
Robert G. Grieve, Waterbury, Conn.
Donald White, Greenfield, Mass.
Gilbert M. Hewins, Belmont, Mass.
Mrs. Grace K. Shannon, White Sulphur Springs, W. Va.

ALASKAN INDIANS NAME TOWN MAYOR

Special to The Christian Science Monitor

KETCHIKAN, Alaska—Mr. Herbert Murchison, who as a youngster was brought to Alaska by his parents when they emigrated from British Columbia to seek the protection of the American flag, has been elected Mayor of Metlakatla, Alaskan Indian village on the Annette Island Indian reservation, 15 miles from Ketchikan.

The Rev. Mr. Edward Marsden, who like Murchison is a full-blooded Indian of the Tsimpshean tribe, was reëlected secretary of the town council. Metlakatla collects only $3 poll tax each year. Support for the town of 466 population comes from leasing fish cannery sites to private interests.

INDIA ORDERS MOTORCARS

Special to The Christian Science Monitor

GLASGOW—The Government of India has placed an order for 116 four-wheel motor vehicles with Albion Motors, Ltd., Scotstoun.

Airplane Patrols Michigan Tract To Enforce Hunting Restrictions

Special to The Christian Science Monitor

LANSING, Mich.—Wild deer on a game reserve in northern Michigan browsed peacefully during the hunting season this year, protected from hunters' guns by the vigilance of a World War flier, who patrolled the reserve in an airplane.

Michigan conservation officers made the experiment at Blaney Park, a game reserve in the upper peninsula owned by the Wisconsin Land & Lumber Co. The 22,000-acre tract contains some excellent deer country and the problem of checking poachers became a real one.

A World War flier, in recent years an aerial photographer, was commissioned to patrol the reserve from the air. His equipment included his cabin monoplane—a sister ship to the plane which Col. Charles A. Lindbergh flew across the Atlantic—a supply of small township maps which could be weighted and dropped to ground officers below, and a parachute.

The flier, his co-pilot, and the guards on the ground were empowered as state game officers. Should a poacher succeed in shooting a deer, it was planned to have one of the fliers leap from the ship at an altitude low enough to insure a fairly accurate landing, alight in a near-by clearing, and subsequently make the arrest. This proved unnecessary, for, as far as the enforcement officers could ascertain, no poacher managed to shoot a deer.

Equipped with bright yellow flags, the patrolmen on the ground could be readily spotted from the plane and checked for position in case of need.

A note was sometimes dropped by the fliers to the poacher himself, and he would leave the tract without further trouble. Ground officers seldom had to make the eviction. Most of the poachers took this new policing method good-naturedly, and their numbers diminished as the air patrol became widely advertised.

TRIBUTE PAID TO SINGER

Special to The Christian Science Monitor

PERTH, Scot.—A bronze tablet has been unveiled here to the memory of the noted collector and singer of Hebridean songs, Mrs. Kennedy Fraser. The memorial tablet has been placed by the Perth Gaelic Society on the site of the house in which Mrs. Fraser was born.

General Greeting Cards
What Manner of Love
Uplift Cards
Truth Calendars
Scrolls
Pyraglass Pictures
Snubs
Helpful Books
Mail Orders Filled
SUNDIAL
ART-BOOK-CARD SHOPPE
33 WEST 42ND STREET, N. Y. CITY
8th FLOOR

Our biggest achievement in 1931 was making the buyer's dollar go farther. We were instrumental in starting the movement to bring high quality clothing to new lower prices.

About a year ago we were able to take advantage of the wool market's break; due to our unique position as manufacturing retailers we passed these savings to our customers at once.

Now, our sack suits range from $35 to $80; a year ago they were $45 to $90. Dinner coats that were $55 are $45 today. Scotch Mist* overcoats are $55 to $85 this Winter.

That just gives you an idea of how we have met the spirit of the times; similar price revisions are in effect throughout all our stocks of the best of everything men and boys wear.

And all without a single sacrifice of any part of the traditional worth of our merchandise.

*Reg. U. S. Pat. Off.

ROGERS PEET COMPANY

Broadway at Liberty
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Broadway at 13th St.
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Cordially invite Monitor readers to visit their New York establishment whilst their special . . . .

15%
reduction is in force

CHURCH'S Famous English Shoes for Ladies, Men & Children . . . Riding & Newmarket boots—Jodhpurs included in this offering!

FOR REAL COMFORT
COME TO BABER'S

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Famous English Shoes

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Flowers
Delivered to all parts of the country by F. T. D. Service.
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Rose Amado Inc
Gowns
For All Occasions
Beautifully Selected
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"Narcisse Chiffons

. . . the sheer lovel stockings, exclusive with Loeser's . . . and fast becoming one of the better known hosiery names in America. Every thread is silk . . . picoted tops . . . narrowed heels and soles . . . newest shades. A luxurious stocking at an economical price.

Loeser's Hosiery
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Mail and Telephone Orders Filled
LOESER'S
FULTON AT BOND, BROOKLYN TRiangle 5-8100

"Chilly Days are here again..."
and VAN DYK offers you Delicious Nourishing Foods for Zippy Weather . . . for example:

Just Arrived . . . . . New Crop
Pure Sap MAPLE SYRUP
All the difference in the world between this extra fresh, double-rich Pure Sap maple syrup and ordinary sugar and cane syrups. Direct from the sweet juicy maples of northern woods. A marvelous value.

APPLE BUTTER
Spread it thick on the children's bread. They love it. Costs only one-fourth the price of butter. Nourishing, appetizing, wholesome.

NEW CROP WALNUTS
Diamond Brand Budded
The pick of the season's crop—large, meaty, delicious. Also a full line of choice Brazils, Filberts, Pecans and Almonds.

VAN DYK FOOD STORES
SPECIALISTS SINCE 1760 IN BEVERAGES, SPICES, EXTRACTS, BUTTER, EGGS, CHEESE, SMOKED MEAT PRODUCTS.
Van Dyk Stores are located—NEW YORK: Albany, Amsterdam, Buffalo, Jamaica, Mt. Vernon, New York City, Poughkeepsie, Rochester, Schenectady, Troy, Yonkers. CONNECTICUT: Bridgeport, Hartford, New Haven, Stamford, Waterbury. MASSACHUSETTS: Fall River, New Bedford, Springfield, Worcester. NEW JERSEY: Newark, New Brunswick, Orange, Passaic, Paterson, Plainfield. RHODE ISLAND: Providence. PENNSYLVANIA: Pittsburgh. Consult local telephone directory for store addresses.

BONWIT TELLER
FIFTH AVENUE AT 56th STREET
NEW YORK

January Clearance Sale
Fur Coats
At Drastic Reductions
to effect immediate clearance of entire stock

STERN BROTHERS
42nd 43rd STS. WEST OF FIFTH AVENUE
NEW YORK

Thanks to the hundreds of loyal Monitor readers
. . . who have written us *voluntarily* of their pleasure in shopping at Stern's

"Enclosed is a sales slip amounting to $89.50 for an RCA Victor Radio, which we purchased as a result of your advertising in the Christian Science Monitor."
Mrs. E. . L. D. ., Elmhurst, N. Y.

"I have always been very well satisfied with merchandise purchased in your store and give you a great deal of my trade because you advertise in the Monitor."
Mrs. H. . S. ., West 70th St., N. Y.

"The intelligent type of your sales force, the fine quality of your goods, and the choice of your advertising medium are evidence of your thoughtful consideration and management. Mrs. J. . P. ., East 17th St., Brooklyn, N. Y.

"This is to express my sincere appreciation and admiration of your stunning advertisements in the Christian Science Monitor and to assure you of my continued patronage and esteem." Mrs. J. . P. ., West 67th St., N. Y.

Every business day in the year letters come to our desk enclosing sales checks of merchandise purchased in this store, bearing a little badge of loyalty . . "*in appreciation of your advertising in the Christian Science Monitor.*"

More often than otherwise, warm and cordial letters accompany them, expressing delight in the fact that promises made in our advertising were fulfilled in our merchandise and service.

In appreciation of these unsolicited manifestations of loyal readership, Stern Brothers have again renewed their advertising contract with the "Monitor," and use this first advertisement of the New Year to extend our sincere greetings to its readers, and to quote a few of their greetings to Stern's!

"I want you to know how much I enjoyed making the two purchases indicated on the attached sales slips."
Mrs. E. . E. C. ., West 78th St., N. Y.

"I should like to tell you that I very much appreciate some purchases that I made in your store two weeks ago."
Mrs. S. . H. H. ., Kew Gardens, N. Y.

"Enclosed are some of your sales slips—the result of your advertising in the Christian Science Monitor."
Mrs. H. . S. ., Westchester County, N. Y.

"I do as much of my purchasing at your store as is possible, in response to your advertising in the Christian Science Monitor." Mrs. T. . H. ., West 83rd St., N. Y.

"Your service, courtesy and merchandise are very satisfactory indeed, and I can assure you that I will continue to patronize Stern's." Mrs. A. . C. ., Hempstead, N. Y.

PUPILS TAUGHT USE OF LEISURE IN BIRMINGHAM

Extracurricular Program Inculcates Thrift, Courtesy, Skill and Art

Special to The Christian Science Monitor

BIRMINGHAM, Ala.—Character education is one of the chief extracurricular projects of the Birmingham public schools, according to a "Report of Progress" reecntly submitted by Mr. C. B. Glenn, superintendent, covering the 10-year period from 1921 through 1931.

Dr. Glenn points out that development of character is no new objective in education, as Comenius gave the threefold aim of education as "learning, virtue and piety." However, he states, educators in recent years have given increased thought to the subject of specific character training in the schools.

The plan of the Birmingham schools since 1923 has been to adopt a slogan each year around which the curriculum and work of the year center. The aim of the schools has been to inculcate the application of truth, honesty and other virtues.

Slogans adopted for each year have included "development of character" through sportsmanship, through work, through thrift, through love of the beautiful, through courtesy, through study of nature, through worthy use of leisure, and for 1931-32 through the worthy use of wonder.

During the year when sportsmanship was stressed, Mr. Erskine Ramsay, president of the city board of education, offered a loving cup to the high school manifesting the best sportsmanship during the session. A cup has been offered each year since. A committee of citizens act as judges, visiting the schools, observing the conduct and attitude of the pupils in the classrooms and lunchrooms, in assembly, in the corridors and at play. They also attend the interschool games, observing the conduct of the players as well as the students in the stands.

"Work" Slogan Used

"Work" was the character slogan during the 1925-26 school year, and many tasks hitherto left to janitors and maids were taken over by the pupils. In one of the high schools the boys removed tops from the old desks, took them to the shop, smoothed them off and revarnished them. Cards were sent to parents so that they could grade their children on home duties. A placement bureau organized in the schools in 1925 has found jobs for many public school students.

In the year that stress was placed on "beauty" many attractive pictures, statues and bas-reliefs were brought into the schools. School lawns were made more attractive and the flowers and shrubs kept better.

Promotion of thrift is one of the noteworthy accomplishments of the endeavor in character education. In coöperation with a local bank, school savings accounts were begun in October, 1927. The total amount saved and on deposit in the bank in May, 1928, was $100,209. In May, 1931, this amount had increased to $188,761. In many of the schools 100 per cent of the children are depositors.

During the year 1928-29 courtesy was stressed and members of the city board and the Parent-Teachers Association visited the schools to note results of the campaign. Brief records were turned over to the department of educational measurements. Wonders of nature were studied the next year and children were taught to protect and provide for birds and other forms of animal life. Pets kept by students and teachers in classrooms afforded object lessons in the humane treatment of animals.

Long-Term Program

The leisure theme stressed in the 1930-31 term encouraged the students to cultivate worth-while hobbies. Home and school gardening was emphasized during the spring months.

"We are not looking for any sudden conversion or overnight reformation, but we are convinced of the wisdom and worthwhileness of this rather slow, painstaking, definite, well-thought-out method of procedure in character development," Dr. Glenn said in his report. "Each year an effort is made to retain good results of the preceding year with additional zest in activities inspired by the new slogan.

"It is not too much to hope that as a result of our endeavor we have a healthier community; we are better sportsmen; manual labor has been dignified; we have a higher appreciation of the beautiful; our savings accounts have increased nearly a hundredfold; we have at least given more thought to courtesy; the widespread interest in the study of nature has resulted in a deeper appreciation of the world about us and a desire to aid in the conservation of nature's resources."

Birmingham Schools Turn These Out 'as By-Products'

THE DEVELOPMENT OF CHARACTER THROUGH THE WORTHY USE OF LEISURE
BIRMINGHAM PUBLIC SCHOOLS

EXHIBIT OF HANDIWORK RESULTING FROM "WORTHY USE OF LEISURE" PROGRAM

Singing of Australian Birds Rivals Brilliance of Coloring

Lyre Bird Renowned as Vocalist of Great Imitative Powers—Laughing Jackass Evidences Keen Sense of Humor

By ALBERT F. GILMORE

Special to The Christian Science Monitor

Melbourne, Aust.

THE nature student visiting a continent for the first time is justified in anticipating many strange sights and thrilling adventures. From boyhood I have read of the marvelous creatures—birds, reptiles and mammals—which are found only in Australia, for no other continent affords so many paradoxes, that is, from the standpoint of normal biology.

Marsupials in great variety; the platypus, that strange, amphibious creature which lays eggs and nurses its young; koalas that live in trees, carrying their young in a pouch and later holding them in their arms for months until the young are able to go on their own; echidnas—the toothless monotreme having spines like a porcupine; birds that prepare an incubator of decaying leaves and other vegetable matter for hatching their eggs; birds that laugh at you as you foozle a stroke on the golf course; others that imitate not only bird notes, but every sound they hear—these and many other strange creatures are found on this oldest of all the continents, with an area approximating that of the United States, much of which has never known the presence of a white man. My anticipations were in no wise overdrawn. For in addition to its most interesting animal and bird life, Australia is magnificent, and in its vernal dress is unsurpassed in the beauty, variety and grandeur of its scenery.

But to its birds. The student of ornithology looking toward this antipodal continent is perhaps more keen to gain the acquaintance of the lyre bird than any other. The male of this species in its full plumage is truly a splendid creature—excelled probably in its exquisite beauty only by the bird of paradise and perhaps by the peacock in its native haunts.

Imitators Par Excellence

But the lyre bird is also one of the most remarkable vocalists of the bird world, an imitator of all the sounds it hears, not alone of bird notes but of every sound that falls within its range of hearing. The habitat of the lyre bird is confined to a narrow strip on the east coast of Australia bordering the sea and extending from the vicinity of Brisbane southward. It is found nowhere outside this limited area where the climate is temperate. For the most part, they live in close cover, in dense thickets. The lyre bird is the size of a domestic fowl. The striking feature of its plumage is marvelous tail feathers, which, with the male bird, when erect form the shape of a lyre, hence its name. During the mating season the male lyre bird heaps up a dancing mound of earth and leaves which becomes the site of the nuptial "dances." During that time he poses, struts and minces, all the time making a display of his beautiful tail feathers, the most attractive feature of his dress. As the mating season is usually during July or August, we were too late to observe this strange performance.

Toward the middle of October, in the company of two naturalists, one of whom has lived among the lyre birds for many years, we visited the Dangalong Forest, some 20 miles out of Melbourne. Conditions were against us. But as it was the only time at our disposal, it was then or never.

It was raining hard and the weather was cold. Driving well into the forest, we left our motor in a sparse growth of eucalyptus—"gum" the natives say—and under the guidance of the "lyre bird man" followed the dripping trail to his hut, where he has so tamed these usually shy creatures that they visit him quite unconcernedly.

His hut is most simple. A fallen gum, eight feet in diameter and hollow, affords a perfectly dry camp. This house in a tree with a shelter outside for the culinary needs, set in a dense growth of bracken topped with fern trees and gums, makes an ideal place for close observation of the wild folks.

Dancing Mounds Found

We waited for a long time for some note of the lyre bird to greet our anxious ears. Our guide, keen for us to make the acquaintance of his intimate friends of the bird world, made frequent excursions into the wet thicket, but without avail. Several "dancing" mounds are within a few rods of the camp, where the birds have been successfully photographed in their weird performance.

As no birds appeared, after a long spell of waiting, we made our way slowly back to the motor, where to our surprise the notes of a lyre bird were heard issuing from the thicket. What a medley of sounds—many of which were identified as excellent reproductions of the songs of native birds. There he was, right before us, not more than 100 feet distant, at his vocal stunts, but hidden in the thicket. To locate him was our problem.

Led by our friend, I followed stealthily into the dripping thicket, but the bird, aware of our presence, withdrew as rapidly as we advanced and finally his notes ceased altogether. Hunt as we would, we could find no trace of this strange vocalist, and so after much searching we were obliged to give up our quest, deriving what satisfaction we could from having heard his mocking notes.

Laughs at Human Idiosyncrasies

A few days later we were privileged to see a movietone, which had been taken after years spent in the jungle. This so perfectly reproduced the notes of the lyre bird and so splendidly represented them, male, female and young, that our disappointment was in a degree assuaged.

The kookaburra, the laughing jackass, is another outstanding curiosity. Really a huge kingfisher without the blue of our American bird, but with an exaggerated head and bill, he is a favorite because of his peculiar laughing notes. It seems that often they are imbued with a genuine sense of humor, for he laughs at many human idiosyncrasies. For his good disposition, droll expression and hearty laughter the kookaburra is so general a favorite that "Have you heard the kookaburra?" is a common query. They are not good nest builders, usually laying their eggs on a pile of rotten wood or any other place where they will be safe without the trouble of nest building.

As there are more than 500 varieties of birds in the country, one can but touch the subject of Australian birds in a brief article. I had often heard it said that Australian birds were brilliant, but without song, as the flowers are without odor. Both statements are false. There are many song birds here, songsters of no little merit. To be sure, several outstanding vocalists are importations. It is a joy, indeed, to tread the green fairways of the many golf courses in November, while overhead, so far above as to be almost hidden in the deep blue of the sky, the English skylark pours out its tremulous notes.

Notes Reedy and Melodious

In Victoria, from every thicket and it seemed from every lawn and garden about the towns, there issued the delicious notes of the English blackbird—as reedy and melodious as when I heard them last spring in their native haunts in England.

As one motors about the country, one of the most conspicuous of all birds is the Australian magpie. It is the size of a crow, dressed in a suit of coal black and snow white. They are very common about the fields, pastures and roadsides. This is not a magpie proper but a shrike, although in pose and build he is the counterpart of the American crow. He has a variety of musical notes scarcely entitled to be classed as song but on the whole quite melodious.

It takes a bit of mental adjustment to accustom oneself to all the vernal delights afforded in Australia during November and December. But after a little, the adjustment is made, for spring is spring regardless of the calendar. After all, the seasons make the calendar, and not the calendar the seasons.

If one be a lover of brilliant color, he may find full satisfaction in the plumage of these Australian birds. The brilliant scarlet on the robin's breast, the exquisite blue of the male wren, the incomparable colors of the parrots and parrakeets, of the rainbow lorikeet, of the regent bower-bird and of the noisy pitta, will satisfy the eye of the most ardent lover of vivid hues. Of some of the most interesting of these I hope to deal in a later article.

GREEK SCHOOL PLANS TO BUILD WITH GIFT

Special to The Christian Science Monitor

ATHENS—A gift to Athens College of $20,000 from Mr. C. Choremi of Alexandria was announced at the informal opening of the school's seventh year. This sum will be sufficient to complete the auditorium which forms the north wing of the college building.

There are 350 students enrolled this year. The United States is represented by students from New York, North Dakota, New Jersey, South Carolina, Massachusetts, Pennsylvania, Florida, Illinois, Ohio and Utah. Other countries that have sent students this year are Russia, India, England, Turkey, Roumania, Portuguese East Africa, Albania, Egypt, Mesopotamia and Australia. The college is under dual control of a Greek board of directors in Athens and an American board of trustees in New York.

GERMAN TRADE PACT SOUGHTBYROUMAMNIA

Special to The Christian Science Monitor

BUCHAREST, Roumania—Following a conference here between a representative of the German Government and the Roumanian Minister of Industry, the Bucharest Government has announced that although the preferential trade treaty between the two countries is temporarily suspended, both governments retain the firm hope that a means will be found to put the treaty into effect during the month of February.

It is believed that France will give its support to a system of preferential trade agreements. Other Balkan states are also expected to adhere to this treaty, which, if enforced, will give southeast European grain an advantage over American grain.

RED BEAN RIVALS JACK'S BEAN STALK

Special to The Christian Science Monitor

ADELAIDE, S. Aust.—An Australian bean stalk that comes near emulating that raised by Jack, growing only in the little known interior of Australia, is described by Mr. Cecil T. Madigan of Adelaide University, who recently returned from an exploration trip to the MacDonnell Ranges.

Mr. Madigan says that although he has traveled extensively in central Australia, he has only seen this tree in any numbers in the fairaway Hart's Ranges.

He described the beans as bright scarlet in color, and almost as hard as a date stone. A bean, he said, may be carried in the mouth all day without softening enough to bite it. The beans, he said, look so attractive lying on the ground that one cannot resist getting off the camel and picking some up. Another interesting characteristic of the tree is the extreme lightness of the wood.

OUTLOOK BRIGHTENS IN CLYDE SHIPYARDS

Special to The Christian Science Monitor

GLASGOW—A more hopeful situation is developing on the Clydeside at present. A number of orders have been received by the various shipbuilding concerns, the latest being one for a cargo steamer of 6000 tons for Kaye, Son & Co., Ltd.

The order has been placed with Messrs. Lithgow, Port-Glasgow.

Chicago Expected To Gain Repute By Coming Exposition

Special from Monitor Bureau

CHICAGO — Assurance that the forthcoming Century of Progress Exposition will go a long way toward obliterating forever the "unenviable reputation which Chicago suffers at the moment in the eyes of the world," was given by Sir Henry Cole, who is in charge of the foreign office of the exposition at London, in an interview following his arrival at the fair headquarters here.

"Modern Chicago is really a revelation," he said. "It is as civilized in all the amenities as any capital in the world."

"The craving for sensationalism, which seems to be world-wide at present," he said, "causes the more disagreeable incidents to be emphasized in news dispatches, and they omit any intimation of the remarkable cultural development which is going on year after year.

Sir Henry finds it a source of great regret that the European newspapers do not maintain regular correspondents in a city as important as Chicago so that they can get their own information about what goes on here. He hopes, however, that during the fair numbers of European correspondents will come to Chicago and see things for themselves.

GLASGOW SCHOOL OPENED

Special to The Christian Science Monitor

GLASGOW—The new Albert Higher Grade School in the Springburn district of Glasgow, which was recently opened, cost approximately £79,000. It contains two chemistry laboratories, a cookery room, laundry and fully equipped housewifery department with furnished flat.

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MUSEUM ADDS MUSIC TO ITS ART TREASURES

Famous Boston Collection Viewed by Public in Unusual Atmosphere

Early in the century John Singer Sargent spent most of a winter in Boston, and Mrs. "Jack" Gardner, as every good Bostonian called her, let him use the Gothic room in her house for a studio. Perhaps that is partly why, now, his great portrait of her which he had painted in '88, dominates the room, and is indeed, a sort of triumphant "finis" to the visitor's tour of the house which is variously known as "Fenway Court," and "The Isabella Stewart Gardner Museum."

If one goes on a Sunday afternoon, when admission to the museum is free to the public, and enjoys the music which embroiders the experience of seeing treasures of art gathered from all the corners of the earth, it is well to remember little facts like this, for they make the seeing of the other paintings, and sculpture of the collection, that much more rich in interest.

It was in 1903 that Mrs. Gardner first opened Fenway Court to the public. In December, 1899, a Boston paper announced grandiosely that Mrs. Gardner, New Yorker by birth, Bostonian by marriage and universal citizen by interest and cultivation, had "bought an Italian palace and would ship it to Boston, setting it up as an art memorial to her husband."

In Packing Cases

It is true that many parts of the present Fenway Court were brought in packing cases from Europe, taken from wharf to storage warehouse, checked by Mrs. Gardner and Mr. William C. Endicott from careful identification lists; you might say the parts were all put together first in the storehouse; at least they were segregated one by one and put where Mrs. Gardner, extraordinarily clever in such matters, could visualize them as part of the whole. There was an Italian too, one Tibaldo Travi, soon known to everyone as "Bolgi," who supervised the job for the contractor.

As the work of assembling and transporting to the site progressed, Mrs. Gardner fetched her lunch like any workman and stayed on hand to watch and see that everything was done properly. They contributed 10 cents apiece for oatmeal to be put in the drinking water at lunch time; so did Mrs. Gardner.

The "Venetian Palace" became a mystery box to all of Boston. Over the main entrance a tablet was placed "The Isabella Stewart Gardner Museum in the Fenway MDCCCC." Reporters sped to print that the place was going to be both a dwelling place and a museum.

And so it is. For New Year's Night, 1903, Mrs. Gardner planned the first formal opening of the museum. She went over everything minutely, the effect of the court and of all the galleries and grew apprehensive about the acoustics of the music room.

The rest is a bit of history—too often forgotten, it is true—in the art affairs of Boston. But now, on Sundays, the scene of that first opening is reproduced; guests come in by the same entrance into the small grilled lobby; ladies go into the room hung with pale blue brocades; a small coatroom for men at the left is hung in yellow.

Public Showings

Mrs. Gardner began to collect her paintings and sculptures and bronzes before there was long-faced talk about "adult education." The question naturally arose as to what share the Government should have in her importations. Mr. Gardner decided on two public showings of her collection each year, in exchange for liberty from excessive duties. Each spring and autumn then, people crowded into Fenway Court; not only from Boston but from distant points, satisfied that even long pilgrimages were justified.

And then began, too, the custom which even now seems to have made only light impression on public thought; the filling of the fifteenth century courtyard and its surrounding cloisters with lovely flowering plants, to give life and color to rooms of arched stone, to add that little bit which marks the difference between livability in a house and a mere museum-quality.

At all the seasons of the year now, the courtyard is filled with flowers; out in Brookline greenhouses are maintained especially for the purpose; if you go upon a Sunday afternoon just now, to hear the music, and to move about the rooms which glow with priceless paintings and tapestries, bits of ancient Gothic wood carving, marbles of fabulous loveliness and cabinets filled with the matchless items which are the residue of a rich and thoughtful life, one finds the towering pinkish archways looking down on a beautiful collection of poinsettias, including many white ones so rarely seen in this part of the country, and trees of lemon acacia, and many other smaller glimmering plants.

Chairs in Music Room

In the music room, on the second floor, there will be chairs for something between 200 and 300 persons; there will be a fire in the great fireplace; there will be everywhere an atmosphere of tranquillity, and that essence of beauty which is not distilled overnight, but gathers only when thought and patience and understanding have wrought together.

Mr. Morris Carter, who was inveigled by Mrs. Gardner into leaving the Boston Museum of Fine Arts for a post which, in the end, would establish him as permanent curator of her collection, has his office, if you can use so drab a name for so charming a room, in what is known as the "Dodge MacKnight room," on the ground floor. A small room, filled with shining golden and sage green lights; a table here, a bit of porcelain there, a hanging in a corner where it catches two lights, south and east; on the walls many of the paintings in the taking of which Mrs. Gardner set a permanent seal of approval on the artist's work. Here, too, is the lovely watercolor of Mrs. Gardner by Sargent.

It is possible that an earlier custom at Fenway Court has tended to chill an interest that should continue unbroken in the opportunity afforded by the mere proximity of this great collection. Once upon a time an admission of $1 was charged. But that is a long time ago; subsequently the admission was reduced to 50 cents; latterly it has been 25 cents. After all, 25 cents is nothing, practically, but the little margin to which people should subscribe in all self-respect for the privilege of looking upon things which have no price, but acquisition and arrangement of which has taken a heavy if joyous toll of study and labor.

Sunday Opening

On the one day each week, on Sunday, the Court, in accordance with Mrs. Gardner's own desire, is opened free to the public. This in itself has not been an easy undertaking, on the part of trustees and the curator, Mr. Carter. The items in the collection require space for showing, and a nice problem is represented between this requirement, and the normal space required for the free passage round and about of whatever attendance there is, of an afternoon.

Perhaps the secret for the smooth arrangement lies in the fact that Fenway Court is staffed by helpers who knew Mrs. Gardner, and who keep fresh in memory the things she would have liked; in a way this has inspired them to little wizardries, special structural arrangements and details, to make such a result possible.

One thing is certain; an experience is at hand for those who, too long, have remained unacquainted with Fenway Court. For there are the paintings, and the sculptures, and the growing flowers, and, to be sure, Tinker, the splendid and sensitive short-haired black cat who dreams in splendor in a corner of the courtyard; but there are other things there; things that march in soundless loveliness out of the past to reward the thought, compensating, but a stone's throw from the hurry of a modern day, those whose work is long, but who have yet a little corner left in time and thought and longing for that leaven of beauty which seasons life, giving it form and color and meaning.

$2 BECOMES $10.53 IN 57 YEARS—IN BANK

Special to The Christian Science Monitor

WINNIPEG, Man. — Fifty-seven years ago, in 1874, to be exact, Mr. Samuel B. Blackhall, of Winnipeg, deposited $2 with the Dominion postal savings bank branch in Winnipeg.

Evidently, he forgot all about it until just recently, when he decided to ask the Government for his money. The account was still on record, and it was a pleasant surprise for Mr. Blackhall to find that his original $2, with compound interest at 3 per cent, had grown to $10.53, which he received.

GOLD SHIPMENTS EMBARRASS CANADIANS

Special to The Christian Science Monitor

VANCOUVER, B. C.—Shipments of gold to Seattle, where advantage is taken of the higher valuation of the United States dollar, is seriously interfering with business in British Columbia, in the opinion of merchants.

The Dominion assay office is not empowered to pay a premium on British Columbia gold, as Ottawa does, and it is being largely shipped to Seattle. Strong representations are being made to Ottawa to correct the situation.

Exotic Flowers Enhance Architectural Beauties

THE ISABELLA STEWART GARDNER MUSEUM IN BOSTON

Upper Row, Left to Right—The Courtyard Studded With Its Seasonal Flowers, Red Poinsettias and White, Lemon Acacias, and Many Little Brilliant Plants; Vista in the Courtyard. Lower Picture—Looking Into the Courtyard—Pinkish Walls, Columned Archways, a Cat Asleep in a Quiet Corner and Flowers All About.

WILLARD URGES NEED FOR UNION OF RAIL LINES

B. & O. Head Presents Petitions of Four-Road Plan Before I. C. C.

Special from Monitor Bureau

WASHINGTON, Jan. 7—Petitions favoring the four-road plan rail consolidation were presented yesterday at the Interstate Commerce Commission hearing by Mr. Daniel Willard, president of the Baltimore & Ohio Railroad, for the Pennsylvania, Baltimore & Ohio, New York Central and Chesapeake & Ohio systems.

Offering the petitions Mr. Willard said that the four-system plan had been adopted because of conditions existing in 1929 when it was evolved, and not because of any desire to limit the number of roads in the group.

Suggesting the necessity for immediate action, he urged that the plan be adopted before trade returned to normal in order that traffic and freight might later be better handled.

A four-rail plan appeared to him more logical than one including a larger number, since there are some 56,000 miles of railroad in the northeastern region of the United States, and since, when study was made as to the practical solution of the problem, it appeared certain that half the mileage would ultimately be found in the systems of the Pennsylvania and New York Central companies, leaving about 26,000 miles to be merged into the other companies.

Obviously, he pointed out, if the mileage were to be divided into more than two companies, the mileage of each must be substantially less than the mileage of the New York Central or the Pennsylvania systems, where the same total mileage was divided by two.

"If we were to have systems with something approaching equal opportunity to secure and develop traffic, we found that with the mileage available we could not have more than four, so we proceeded to develop a plan based on a four-system idea," he said.

While it may be that groups differently composed might be suggested, Mr. Willard explained that the four presented under the present plan were the only ones on which an agreement could be reached and the natural differences of opinion reconciled, and which would have the effective support of the agreement of the four-line carriers.

It is understood here that New England does not wholly object to the four-party plan. Rhode Island favors it because of its inclusion of the Port of Providence; likewise Massachusetts, because of Boston. What New England apparently wants, it is pointed out, is freedom from the Pennsylvania Railroad domination of the Boston & Maine and the New Haven.

WINNIPEG ASKS LINE DIRECT TO 'THE BAY'

Special to The Christian Science Monitor

WINNIPEG, Man. — The Royal Commission appointed by the Canadian Government to study the transportation problems of the Dominion heard a brief, while in Winnipeg, from the city solicitor, pointing out the necessity of eventually building a direct line from Winnipeg to the Hudson Bay Railway. The present Hudson Bay Railway approaches Fort Churchill, the terminus, in an indirect way. A more direct line would provide nearer service for the great American territory contiguous to the Canadian boundary, embracing eight states, with a population of 13,000,000 and an aggregate wealth of $46,000,000,000.

GEORGIA PLANS OBSERVANCE OF ITS CENTENNIAL

State Chamber of Commerce Begins Work on 1933 Fete Program

Special to The Christian Science Monitor

ATLANTA, Ga.—Plans for observance of Georgia's two hundredth anniversary in 1933 will occupy the State Chamber of Commerce for the coming year, it has been announced by Mr. Paul J. Varner, president.

Dr. Willis J. Sutton, superintendent of the Atlanta public schools, appointed three years ago as chairman of the bicentennial celebration, was one of the promoters with whom Mr. Varner has gone over the plans. The work of promoting county histories has gone forward under the direction of Dr. Sutton during the last three years. Among others conferring with Mr. Varner were: Mr. Roy LeCraw, president of the Atlanta chamber; Mr. J. C. Robinson, operating secretary; and Mr. Frank K. Shaw, industrial bureau secretary. The Georgia State Automobile Association will also cooperate, Mr. Varner was assured.

"If we should allow the year 1933 to pass without some adequate and appropriate observance of our two hundredth anniversary," Mr. Varner says, "it would be a reproach upon our patriotism and state pride. It ought to be an observance that will attract nation-wide attention and at the same time accomplish locally for Georgia a twofold purpose: First, the stimulation among our people of a great and abiding pride in their State; second, the setting in motion of forces that will help to rehabilitate Georgia by rebuilding lost population, rebuilding lost property values, repopulating abandoned farms, and drawing new industries.

"Other states have celebrated historic occasions with great expositions, such as the one at Jamestown in 1907, celebrating the 300th anniversary of the founding of Virginia, and the St. Louis exposition celebrating the 100th anniversary of the Louisiana Purchase. These and other expositions have received substantial financial aid from the Government. We can have something that is well calculated to bring as may people to Georgia as an exposition would bring, and something well calculated to produce results vastly more far-reaching and substantial than even a successful exposition."

FRANCE, BELGIUM, CHILE IN TRADE PACT

Special to The Christian Science Monitor

SANTIAGO, Chile—The Government has concluded a temporary agreement with France and Belgium covering general interchange of trade.

Allowance for nitrate is promised in the new arrangement in return for facilities for French and Belgian exports to Chile.

ROYAL FAMILY IN BULGARIA CUTS SALARIES

Queen Relinquishes Large Portion of Appanage to Aid State

Special to The Christian Science Monitor

SOFIA, Bulg.—The Queen of Bulgaria has announced that she will relinquish 200,000 levs of her yearly appanage or salary, while Princess Eudoxia has volunteered to give up 100,000 levs of hers.

A month earlier King Boris made a cut of 1,000,000 levs in his salary.

The whole cost of maintaining the royal family in Bulgaria, according to the daily paper Narod, is about 30,000,000 levs (more than $200,000) a year. Altogether, the salaries of the King, the Queen and the King's sister, after the recent reductions, come to about $46,000, which is far less than most royal families receive from the states over which they rule.

The Bulgarian Communists and Socialists are outspoken republicans, and heretofore the Agrarian Party, the largest one in the country, has been rather equivocal in its attitude toward the monarchy.

The marked frugality and democracy of the King, however, his lack of ostentation, and the assiduity with which he fulfills his duties, have made him a popular figure.

Recent contacts between him and the new peasant ministers have tended to strengthen the confidence of the villagers in him, so that his position is secure.

He is the one permanent factor in the state machine and by reserving for himself complete control over the army, he exercises an ultimate check upon the tendencies and decisions of politicians.

WOOLWORTH PLACES BIG ORDER

NEW YORK, Jan. 7—F. W. Woolworth Company placed an order with Cannon Mills for bath towels costing over $500,000. This is understood to be the largest order of its kind ever placed.

ANNUAL SALE

Our Complete Stock of LUGGAGE and LEATHER GOODS reduced

1/5 1/3 1/2 and more

London Harness Company

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1883 1932

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Suits and Overcoats

Suits

Formerly	$85.00	now	$68.00
Formerly	75.00	now	60.00
Formerly	70.00	now	56.00
Formerly	65.00	now	52.00
Formerly	60.00	now	48.00
Formerly	50.00	now	40.00

Overcoats

Formerly	$125.00	now	$100.00
Formerly	110.00	now	85.00
Formerly	100.00	now	80.00
Formerly	85.00	now	68.00
Formerly	75.00	now	60.00
Formerly	65.00	now	52.00

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ROOM 203

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AT COST AND LESS

COATS, Many Fur-Trimmed	35.00 to 85.00
SUITS, Both Silk and Wool	10.00 to 45.00
GOWNS of Silk, Wool, Georgette and Cotton	3.00 to 55.00
EVENING GOWNS, All Recent Models	25.00 to 85.00
NEGLIGEES—PAJAMAS	2.75, 9.00, 12.00

Hats for 5.00

January Clearance

Nationally Advertised SHIRTS

"Arrow" "Shirtcraft" "Van Heusen"

Collars attached
2 collars to match

$1.35 3 for $4.00

NECKWEAR

$1.50 grade	95c,	2 for $1.75
$1.00 grade	65c,	2 for $1.25
65c grade	45c,	2 for 85c

UNDERWEAR

"Medewell" Knit Union Suits
$1.23 3 for $3.50

Pepperell Jean Running Pants
Absorbent Athletic Shirts
29c each 4 for $1.00

McPherson's
Established 1814
Oldest Hat and Glove Store in Boston
71-79 Hanover St., opp. Portland St.
OPEN EVENINGS

Chickering & SONS—EST. 1823

Annual January Clearance

FINE PIANOS

Now Offered at the LOWEST PRICES IN HISTORY

REDUCTIONS up to 50% and more

On Present Low Prices

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MASON & HAMLIN : CHICKERING
KNABE : MARSHAL & WENDELL
STEINWAY : MILLER : KRANICH & BACH : FISCHER : THE AMPICO and other fine new and used pianos in Uprights, Baby Grands and Period Models

The annual Chickering sale of fine pianos is an event looked forward to by those who appreciate the finest in pianoforte building, beauty of tone and design, plus reduced prices. It is the one time in the year when the house of Chickering is able to offer exceptionally fine new and used instruments at great price concessions. This year more so than ever the prices of these fine pianos are lower, in fact the lowest we have ever quoted. If you have ever thought of owning a superb piano of true tone and exquisite design you may do so most advantageously now. Small down payments, generous allowance on your present piano, and subsequent payments to conform to your budget may be arranged.

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CLEARANCE SALE

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Furs of Quality

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HICKSON, Inc. New York

Only Highest Type Furs of Every Description

A FEW EXAMPLES:

$700 Caracul Coat	$325
900 Caracul Coat	450
1200 Caracul Coat	600
1600 Mink Coat	800
1800 Mink Coat	950
3000 Mink Coat	1450
550 Persian Coat	295
650 Persian Coat	350
350 Hudson Seal	175
150 up Sport Furs	$50 up
125 up Fur Jackets	$25 to $95

Scarfs, all kinds, from $25

669 Boylston Street Boston

RURAL ENGLAND TO SAFEGUARD OLD WINDMILLS

One in Surrey Still in Use After Service of Several Centuries

Special to The Christian Science Monitor

REDHILL, Surrey, Eng.—England's oldest windmill—the Post Mill, built at Outwood near here in 1665—has been having its sails put in order by the Society for the Protection of Ancient Buildings. Two entirely new sails were added, and the two remaining old ones repaired.

The society aims at preserving a number of the picturesque structures, which played such an important part in the daily life of rural England from the time of their introduction into the country in the twelfth century.

Until fairly recent times the windmills were not only a feature of the pastoral landscape, but also the very necessary means of grinding corn. Food for men and animals, and wealth for the owners were provided by the mills.

Since the introduction of mechanical methods, however, the windmills have lost their medieval importance, and one by one have fallen into disuse, and often into decay, their owners, the millers, finding it impossible to afford the periodical extensive repairs to the sails which are necessary.

While investigating the number of windmills deserving of special preservation, the Society for the Protection of Ancient Buildings discovered that the Outwood windmill was the oldest. It is still working, being the only one in Surrey still in use.

There is a tradition that workmen in the top story witnessed from it in 1666 the raging of the great fire of London. The miller, who holds the mill on a 500-year lease, and the owner of the manorial rights have agreed to enter into a covenant with the society never to demolish the mill and to preserve it in a proper state of repair.

The brothers who originally owned the Post Mill quarreled, so history relates, and one of them built a second windmill only 50 yards away, with the object of superseding the old mill and taking its trade. But the veteran held its own; its rival closed down and today stands derelict. The first reference to a windmill in English history was made in 1189.

Industrial Fair Attracts Nations

Special from Monitor Bureau

LONDON—Prospects for the 1932 British Industries Fair would seem to point to even better business than in 1931, despite Britain's departure from the gold standard and difficult trade conditions.

There have been twice as many inquiries from overseas prospective buyers as at the corresponding date last year, and 684 overseas buyers have announced their intention of attending the fair, as compared with 354 at this stage in 1930.

Out of 300,000 square feet of space at Olympia, 264,000 have already been let. In the textiles section at the "White City" only 12 stands out of 226 are left, and in Birmingham nearly 90 per cent of the space has been booked. Holland, as usual, heads the list of prospective buyers, and other countries to be represented include France, Denmark, Spain, Germany, Switzerland and Canada. Inquiries cover every conceivable product from railway lines to pins and pianos and gramophones to codfish. The fair opens in February at Olympia, the White City, and in Birmingham.

Report on Union Relieves Kenya

Special to The Christian Science Monitor

NAIROBI, East Af.—The report of the Joint Committee on Closer Union in East Africa has been favorably received generally in Kenya. The general feeling is one of relief that no experimental revolutionary proposals are suggested for trial in the territories and that in consequence no new political controversies will be raised.

The East Africa Standard in an editorial says: "The absence of revolutionary proposals and its generally negative character are encouraging indications that the East African territories will be permitted, on their own responsibility and through their own wisdom, to follow sound and natural lines of development.

"In the course of a very generous statement on the value and importance of white settlement, reference is again made to the old question of the possibility that the colony will be populated in the future by plantation managers instead of settlers. . . . In unhappy phraseology, the committee has introduced an element of doubt which may color the reception of an otherwise excellent report."

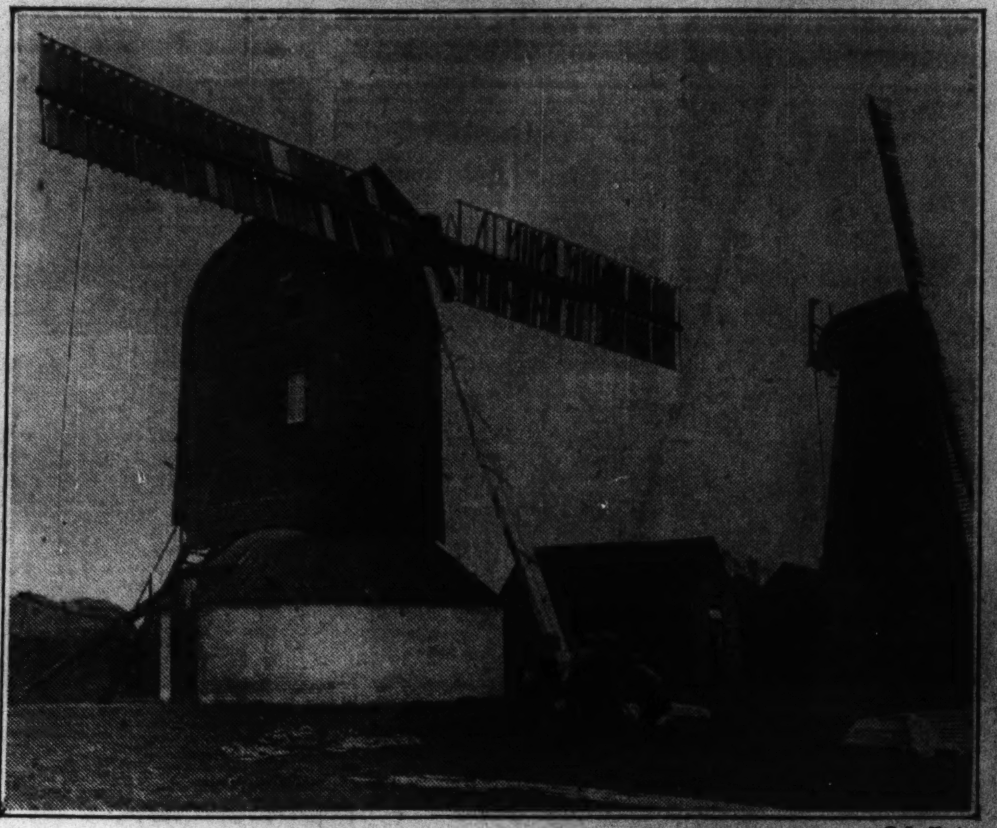
PARLIAMENT HAS 165 WITHOUT VOCATIONS

Special from Monitor Bureau

LONDON—Britain's new Parliament contains 165 people, without a profession, who have independent incomes, according to statistics compiled by Prof. Harold Laski. Lawyers are next in the order of representation, 136 members belonging to this profession. Third on the list are business men who number 111.

Bankers and financiers can muster 47 members, closely followed by 43 soldiers and sailors. There are 32 trade unionists, 15 journalists, the same number of farmer-landowners, eight accountants, five brewers, five retired civil servants, and eight others. The new House contains 70 aristocrats, including three marquises, three earls, eight viscounts, a duchess, a countess, a viscountess, and several lords.

New Sails Set on England's Oldest Windmill



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LANDMARK OF SEVENTEENTH CENTURY STILL PLIES ANCIENT TRADE

SCHOOLS OF CITY IN IOWA BAR CIGARETTE 'ADS'

Subscription to Magazine Is Canceled by Chariton Superintendent

Special to The Christian Science Monitor

EVANSTON, Ill.—A canceled subscription to a popular magazine is the way that Mr. J. R. Cougill, superintendent of schools at Chariton, Iowa, took to show his disapproval of cigarette advertisements paraded before children. The magazine in point carried a cigarette advertisement on the outside cover and was removed from the reading table of the school because Mr. Cougill opposed placing an appeal to use cigarettes before youth.

In a letter to a member of the magazine staff Mr. Cougill declared that as long as the display of advertisements of "so objectionable a nature" was permitted, there could be no question of the school subscribing to the periodical. The advertisement was, in the estimation of Mr. Cougill, a breach of faith with the school, for the magazine never would have been placed in the hands of the students had it been known that such advertising was accepted, according to the letter.

Misrepresentation was charged of those assertions that attempt to present cigarettes as devoid of damaging effects. Direct challenge to the editors of magazines that contain advertisements making these claims to deny that they are not "willful and deliberate misrepresentations of the truth" was made in the letter.

This challenge was followed with direct contradictions of the advertisements, contradictions that asserted extreme harm to the growing child through the use of cigarettes. The letter said of the cigarette manufacturers: "They would never suggest that there is overwhelming evidence to support the fact that the habitual use of cigarettes by the growing boy stunts the body, impairs the intellect, weakens the will and breaks down the moral fiber." The manufacturer does not print that cigarettes are responsible for much of the truancy and retardation in the schools, nor do they in their "gorgeous advertisements" emblazon to the world that an overwhelming percentage of delinquency among young boys is caused by cigarettes, the letter declared.

Charge was made that the greed of the cigarette-makers is not yet satisfied, that the type of advertising now being put out indicates that they are united in an effort to make cigarette addicts of women. By means of advertisements placed before pupils in the schools "they are aiming at nothing less than placing the blight of the cigarette on millions of growing girls as they have already done on growing boys," the letter continued.

This type of advertising should be prohibited, but until such prohibition is accomplished, men and women who are more interested in the welfare of boys and girls than in making money must use such power as they possess to check the pernicious influence of such appeals, the letter concluded.

BEANS TRAVEL FREE

Special to The Christian Science Monitor

NANKING, China—The Nationalist Government has permitted the free transportation of beans from Kirin and Heilungkiang provinces in Manchuria to central China for the flood refugees. A good bean crop is reported in north Manchuria this year.

NEW MILO GIVES VALUABLE CROP FOR WHEAT BELT

Quick-Growing Feed for Spring Sowing Is Bar Against Losses

Special to The Christian Science Monitor

TOPEKA, Kan.—Kansas wheat farmers have a new crop, known as Wheatland milo, that is reported greatly to enhance the value of their huge combines and tractors, reduce wheat acreage, extend livestock feeding operations, increase diversification and provide healthier incomes. The entire wheat belt may profit by it.

As the name suggests, it is a milo, having 90 to 95 per cent of the feeding value of corn and a much greater yield. It is capable of standing severe weather conditions, and harvesting with the combine is economical. At the Hays, Kan., agricultural experiment station and on 60 Kansas farms, Wheatland takes the lead as the best combine sorghum known to date.

For three years, work at Hays has centered on adapting the crop to the farmer's equipment and farming conditions. If that could be done, it meant tremendously important things to wheat farmers—they could get more returns from their investments in power equipment. Such a crop would fill a great need at a most opportune time in livestock feeding and crop rotations.

Wheatland milo is a member of the kafir or grain sorghum group, which grows with a short, straight stalk, and is called an excellent substitute for corn. It was the result of efforts of the agricultural experiment station at Woodward, Okla., to develop a variety of kafir without a crooked head, that would stand straight up to reduce harvesting difficulties.

Mr. L. C. Aicher, superintendent of the experiment station at Hays, Kan., a branch of the state agricultural college, saw the value of this new kafir for the wheat belt. After three years' experimenting with it, this station is given credit for developing Wheatland milo as a crop to be harvested with the combine.

The fact that the crop will stand so late in the season without lodging—or going down—and without the grain shattering, is very important. This will help to distribute labor on wheat farms throughout the year better.

Mr. J. R. Mohler, of Quinter, had one of the finest fields of Wheatland in Kansas this year. He says it will take the place of wheat in part and will make an excellent livestock feed. He harvested 53 bushels of Wheatland to the acre while corn right beside it made only 20 bushels.

"I planted 45 acres of Wheatland this year," explains Mr. Vernon V. Hoff, of Spearville, "and although it received only one rain, this acreage is making me more money than all my other crops."

Mr. L. V. Svoboda of Palco harvested 1900 bushels of the grain from 60 acres.

"This will be a leading crop in the wheat belt within the next few years," he asserts. "It can be seeded late, matures early, drains less moisture from the soil than other sorghums, chances for the crop are two to one better than corn, feed value is high and harvest cost is very low."

Mr. A. L. Stockwell of Larned turned 4000 head of lambs into his Wheatland milo field to harvest the crop. There were several others who "sheeped down" their crop this fall with excellent results.

"One very important thing to consider," remarks Mr. F. L. Willard, of Chase, "is the fact that this grain on my farm was harvested and in the bin at a minimum of expense, exactly 150 days after it was planted." In years of wheat failures, the new milo can be used as a "catch crop" for spring planting. That is, if the wheat seeded in the fall fails to come up, the milo can be seeded in the spring to take its place.

Kansas City River Front Rings With Sound of Fresh Progress

Promise of New Transportation Facilities Stimulates Growth—Deepened Missouri Sets Pace for Railroad Developments

Special to The Christian Science Monitor

KANSAS CITY, Mo.—In the rumble of heavy construction operations now progressing along Kansas City's historic water front is voiced an unquestioned promise of new transportation facilities that well may be the most stimulating factor in the growth of this trade center.

River navigation about to be reestablished on the deepened Missouri River is the first verse of this song of progress that construction machinery is singing. But there is another verse, too. That lyric tells of improved rail facilities developing. And if river transportation be the influence that gave Kansas City its origin, it must be remembered that the rails converging here nurtured it through its growth from a river village to the territorial capital it is today.

On the west end of the wide-flung construction front along the south bank of the Missouri—just on the Missouri side of the state line, in fact—is the most important sector. There the new municipal wharf building, or freight depot, stands nearly completed. But just now an even more important phase of the river-rail terminal development work is beginning on the riverward side of the structure. That is construction of the heavy duty, or bulk cargo wharf. It involves the actual freight handling equipment.

Huge creosoted timber piling is being assembled there now preparatory to being driven 30 or 40 feet deep in the riverbed beside the building. They will form a foundation for the railroad trestle that will run out over the river and for parallel platforms.

On that trestle a huge railroad type crane ultimately will reach into open barges and transfer goods directly to the railroad cars. Or, in cases other than those of such direct transfer, it will stack them on a near-by concrete platform for sorting. At least that is the process for inbound shipments. It will be reversed in outgoing freight movements.

Moving to another sector on the river construction front, one finds the results of activity recently concluded. There, in the vicinity of the great rock that made a natural Westport Landing, is another wharf. It is the wharf where the few river boats visiting here in recent years, mostly excursion steamers, have docked. It has been extensively rebuilt. It quickly can be made ready to resume its river terminal duties on a new scale by the installation of equipment.

But the longest line of construction operation on the river front is a railroad project, the establishment of a new interchange medium between two important industrial sections here, the West Bottoms, or central industrial district, as it is now termed, and the East Bottoms.

Several hundred thousand dollars will be spent in that development by the Kansas City Terminal Company.

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NEW YORK LIMITS ON SPECULATION BY BANKS URGED

State Superintendent Questions Bill for Executive Commission

Special to The Christian Science Monitor

ALBANY, N. Y., Jan. 7—A strong plea to limit the participation of banks and trust companies in the flotation of securities and in speculative activities was contained in recommendations made by Mr. Joseph A. Broderick, superintendent of banks, for a general revision of the state banking laws, in his annual report to the Governor and Legislature today.

Mr. Broderick voices accord with the report of a subcommittee of the Committee on Banking and Currency of the United States Senate, which held that the sale by banking institutions of large quantities of securities during the boom period was largely responsible for the inflation of general prices.

Mr. Broderick proposes that a commission be set up to prepare a general revision of the law. In the meantime, he would have the Legislature enact 28 specific amendments to the present law as the first step toward a wiser control of the State's banking system.

He also questions the advisability of the bill proposed by the State's joint legislative committte on banking, which calls for a commission of nine members to take over the functions of the superintendent of banks, although retaining him as its chairman and executive officer.

"We believe that we should give very serious thought to the subject before vesting functions of an executive character in such a commission," he says.

Mr. Broderick also suggests the segregation of so-called thrift accounts in commercial banks and trust companies and the placing of restrictions upon the investment of these funds to give them protection equal to deposits in savings banks.

In connection with the effort to limit the participation of banking institutions in the investment business, he recommends that the legislature limit the aggregate amount of funds which a banking institution may invest in stock, convertible bonds or other obligations of other corporations.

He would have it also limit to 10 per cent of capital and surplus the extent to which any bank or trust company may be interested in all affiliate corporations by way of loans, investments in stock, or obligations and loans to others secured by stock or obligations of such affiliated corporations. Additional loans in conservative amounts might be permitted provided they are secured with high-grade collateral having a margin of value well above the amount of the loan.

Legislation is favored to provide that an officer of a banking institution shall not be permitted to become an officer of any corporation engaged primarily in the business of buying and selling securities.

Other provisions would restrict further the loans which a bank may make to its directors, and prohibit a bank or trust company officer from borrowing from the institution by which he is employed.

AUCKLAND SCHOOL GETS EMPIRE HONOR

Special to The Christian Science Monitor

AUCKLAND, N. Z.—The School of Architecture at Auckland University College has been granted full recognition by the Royal Institute of British Architects. The three years' full time course will be accepted for exemption from the institute's intermediate examination, and the five years' course leading to the Bachelor of Architecture will be accepted for the final examination.

The school is only six years old. It was not until the end of 1930 that the first lot of students sat for the degree of architecture. The effect of recognition is that graduated students will be able to take courses at other recognized schools abroad without passing further examinations. Only 10 other schools in the Empire have been granted this honor.

Traffic Signals Ease London's Noise Problem

Special from Monitor Bureau

LONDON—Welcome relief from incessant and disturbing traffic noises are following in the wake of automatic traffic signals, London dwellers are joyfully discovering. Drivers have found it useless to toot impatiently on strident klaxons at the red, green and amber lights of the mechanized policemen. And if a robot on point duty says "Go," a motorist now knows he can cross safely without announcing his coming with a tune on his horn.

British traffic authorities were in no hurry to dispose of their blue-uniformed "Roberts." But now they have become ardent supporters of the robots and have just planned 1400 more installations in different towns. Though American and, to a less extent, continental streets have been mechanically controlled for some time, it was argued here that the narrow, winding, unsystematic London thoroughfares made automatic signs unpracticable.

But a trial was eventually made with Oxford Street—one of the few central London streets which continue in a straight line for any appreciable distance. Chaos appeared to reign at first. Appeals for the overthrow of the robots and the return of the "Roberts" were heard on all sides. The authorities merely answered, "Be patient." And now that the system has settled down there has emerged a great speeding up of this congested shopping center, fewer lengthy holdups, greater safety for motorists and pedestrians, as well as quite a noticeable hush.

Provincial towns in Britain have been quicker in adopting automatic control signals, but they will soon be in operation all over London. Every crossroad thus regulated means a source of noise eliminated. Corner houses on busy streets will soon forget the incessant honking and tooting which continued almost all night.

Thousands of pounds will be saved annually in every large town by the automatic signals replacing policemen. It is stated that observations of the latest forms of light controls in Providence, R. I., U. S. A., have shown that the robots pass 5000 vehicles an hour over an intersection which under police control accommodated a maximum of 3000. The average speed of traffic through central London is said to be no more than five miles an hour. If light controls can, as is claimed, raise the average speed to six miles an hour, the streets will take 20 per cent more traffic, which is what the traffic experts have been striving to achieve for the last 10 years.

BRITISH WORKERS AID UNEMPLOYED

Special to The Christian Science Monitor

BIRMINGHAM, Eng.—One hundred unemployed allotment holders of the Staffordshire town of Walsall, as an expression of their gratitude for government and private help given them during the last season, have decided to subscribe a penny a week each from now to next spring so that 100 other unemployed Walsall men may be able to have allotments.

The money thus subscribed will buy the seeds needed for the new allotments and it is expected that the Society of Friends Allotments' Committee will pay the rent of the whole 200 for the coming season, as the Government is no longer able to make grants for this purpose.

SOUTH AFRICA TAXES IMPORTS OF BOOKS

Special to The Christian Science Monitor

JOHANNESBURG, S. Af.—For the first time in the history of South Africa a 5 per cent customs duty is being levied on books, periodicals and magazines.

So far the local agents have decided not to pass on the extra cost on magazines and papers coming from "gold standard" countries, such as America and France, while as regards papers from England the primage is more than counterbalanced at the moment by the favorable exchange rate.

Guardians of Redwoods and Ferns

Courtesy of United States Forest Service

OUTPOSTS ON FIRE FRONTIER IN CALIFORNIA

—Upper Left—Observer Sweeping Ranges to Detect Smoke. Lower Left—Field Radio in Truck to Pick Up Weather Reports. Right—Lookout House in Cleveland National Forest.

Foresters Map 1932 Plans To Check California Fires

Lookouts on 125 Peaks Direct 700 Field Men to Site of 'Smokes'—Preventive Measures Stressed—Radios Speed Work

Special to The Christian Science Monitor

ALTURAS, Calif.—The 1932 campaign to protect California forests against fire has just been mapped out here. For several days the 15 men who are to direct it pondered over charts, investigated equipment, and planned maneuvers.

Past encounters were reënacted and analyzed. Those who commanded the forces made reports and recommendations. The conferees were members of the California region of the United States Forest System.

The "fire season" for northern California closes about Oct. 10, and for southern California about Dec. 1. After those dates there is usually sufficient rain and snow, moistening the floor of the forests and causing new growth, to assure against fires.

In the north the season opens about June 1, and in the South May 1, making an average of six months in the year that fire-fighting forces are in the field.

To understand the proceedings of one of these post-season conferences it is necessary to know just how the United States Forest Service in this region carries on its campaign.

Mr. Jay H. Price, assistant regional forester, who is in charge of fire control, explained the system.

To begin with, there are 125 fire lookout stations in the California region. These are placed so that they command a view of the surrounding country. The watchers live in the lookout houses and are on duty practically all hours of the day.

In addition there are secondary lookout men who keep watch over small areas not visible to the others, such as river canyons or areas hidden from the primary peaks by intervening hills.

One of these men discovers smoke. He immediately telephones a dispatcher at either the ranger's or the forest supervisor's headquarters, giving a description of the smoke or fire, and the location according to a protractor.

There are 700 firemen in the California region whose duty it is to "stand by" for orders from the dispatchers. On receiving the information the dispatcher relays it to the fireman who is nearest to the blaze. He starts for the fire, going by automobile, horseback or afoot, depending on his location. He carries an ax, a shovel, and a back-pack pump, used to spray water.

In the meanwhile the outlook keeps the dispatcher informed, and if it appears that the fire is not being brought under control, more men and equipment are sent. The ranger in charge of the district goes to the fire and directs the fighting.

There are 90 rangers in the California national forests. Each has charge of a district of about 300,000 acres.

Usually, Mr. Price declared, in the case of a big fire they discover that there was some preventive measure which could have been taken earlier in the fire. At the conference here three points in particular were stressed. One of these was the necessity for better telephone service. In the small communities the local exchanges are sometimes closed, the operator being off duty.

It has been found that the information furnished by local people is not always dependable. A ranger should either make a personal observation of the fire or use some means to check up on the information.

The third point which was stressed was the necessity for a "clean line," meaning that the back-firing process must be thorough enough so that there is no danger of the fire creeping across. In order to do this it is necessary to remove all inflammable material down to the mineral soil.

A man on every fire within half an hour, except in the high country, is the aim of the service, Mr. Price declared.

Weather plays an important part. The service, in coöperation with the state division of forestry and the United States Weather Bureau, has a special truck equipped with meteorological and radio instruments which can be taken to a fire. A contact is made with the central weather bureau in San Francisco and by checking these regional forecasts with local weather conditions, the meteorologist in charge of the truck is able to forecast the kind of weather that may be expected during the fire.

Tractors, graders and rippers are used to build firebreaks. Trucks carrying equipment and supplies are stationed at many of the forests. Tank trucks using a power pump and hose are rushed to fires near highways and roads. Portable pumps and hose are also a regular part of the equipment.

A record kept for the last 10 years reveals that human carelessness caused 78.0 per cent of the fires. About 135,000 acres of the national forests in the California region were swept by fire during the last season.

"If we can hold the loss down to 50,000 acres a year, it would be satisfactory, for the growth would make up for that loss," Mr. Price said. "This is about .2 of 1 per cent of the total area. The public is coöperating with us more and more and we are gradually winning."

DUTCH JOURNALISM RISES IN ESTEEM

Special to The Christian Science Monitor

AMSTERDAM—Two recent events, unprecedented in Holland, mark great steps forward in Dutch journalism. These were the delivery of a series of lectures on journalism and publicity at Leyden University by Mr. A. Lievegoed, former editor-in-chief of the Dutch East Indian daily De Locomotief, and the appointment of the secretary of the Dutch Journalists Club, Mr. W. N. v. d. Hout, as a lecturer on the Science of Publicity at the University of Utrecht.

These events were the result of a growing demand for special training for journalists in the Netherlands.

DANES AND DUTCH SIGN COMMERCIAL TREATY

Special to The Christian Science Monitor

AMSTERDAM—Denmark and the Netherlands recently concluded a commercial and shipping treaty on the basis of the most-favored-nation clause, for a period of five years, which can be prolonged for an indefinite time by mutual consent.

According to the regulations laid down in this treaty, subjects of each country are to enjoy the same rights as nationals, in respect to residence, the running of an enterprise and taxation. The parties promise most-favored-nation treatment with regard to levying of import and export duties, interior taxes and other rights.

Mexico to Expand School System In Federal District

Special to The Christian Science Monitor

MEXICO CITY—Four hundred public primary schools will function during the coming year in the Federal District, comprising Mexico City and its suburbs, according to an official announcement from the Ministry of Public Education.

In 1931, 360 such schools were open in the Federal District, and since the normal enrollment in public primary schools according to the 1930 census is 200,000, there will be a school this year for every 500 pupils. The 40 new schools will be opened gradually during the year in locations to be selected.

The year's educational program in the Federal District also calls for 4000 instructors, not including 400 principals of schools, so that there will be one instructor for every 50 pupils.

In addition, four kindergartens are to be established. There will be 40 school inspectors and four special school visitors.

OXFORD ENLARGES TAYLORIAN BUILDING

Special to The Christian Science Monitor

OXFORD, Eng.—Work is about to begin on demolishing a row of shops in St. Giles' Street here to make way for an extension of the Taylorian Building, the headquarters of modern language teaching in the university.

This extension will include a large lecture hall to seat about 400, several smaller lecture rooms, as well as rooms for professors, new reading rooms, and space for 100,000 volumes.

Antarctic as a Fashionable Resort Visualized by Explorer-Photographer

Special to The Christian Science Monitor

BRISBANE, Queensl.—The antarctic ablaze with light from many hotels, a fashionable resort and the playground of Australia, was the picture drawn by Capt. Frank Hurley, photographer of the Douglas Mawson antarctic expedition.

Captain Hurley described this futuristic vision in answer to an interviewer who asked of what value would be the large area of land that had been formally taken possession of by the expedition.

With the improved methods of transport, he believed, the antarctic would be within 20 years at the very doors of Australia—the object of week-end tours. The methods of fast upper air travel foreshadowed by the Junkers stratoplane would presumably bring this territory within six or seven hours' flight of Hobart. No longer would people regard the antarctic as a mysterious desolation to be traversed only by supermen under conditions of extreme vigor and hardship, but rather as an alluring playground. The weather there was easier to forecast than in the more tropical regions, and summer in the Ross Sea was similar to the winter at Mt. Kosciusko, one of the best-known tourists' resorts in Australia.

Beneath the winter snow and ice, suggested Captain Hurley, there probably existed untapped mineral resources the exploitation of which would enrich the manufacturing world.

Captain Hurley, who was official photographer to the Australian Imperial Forces, considered Antarctica one of the most beautiful parts of the world.

WET REFERENDUM OPPOSED

WASHINGTON, Jan. 7 (AP)—Members of Congress have been asked in a letter by Mrs. Henry W. Peabody, chairman of the Woman's National Committee for Law Enforcement, to oppose any attempts for a referendum on the Eighteenth Amendment.

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THE YOUNG FOLKS' PAGE

Delight In Books

By S. P. B. MAIS

1—Fiction

THE wildest sort of nonsense is talked about novels. There are people who regard all novel-reading as a waste of time if not utterly demoralizing, and there are other people who regard novel-reading as the only form of reading worth while.

Both of these views, like most sweeping generalizations, are quite absurd.

Novels are just like plums in this respect. Some plums are wholesome and some are not good for food. A diet consisting solely of plums would be extremely undesirable.

The first thing to do is to realize that the supply of novels, like the supply of plums, is pretty well inexhaustible, and that you must exercise considerable discretion in your choice if you want, as you should want, only the best.

It is an ideal in everything always to make up your mind never to be content with anything less good than the best. Those who are content with the second-rate, quickly become second-rate themselves.

Read, therefore, only the best novels and vary those with other sorts of reading.

Now novels are unlike plums in so far as the oldest are probably the best. I do not suggest that you should avoid the novels of living authors, but I do suggest that you should be able to compare them with the older novels to see just how far they fall short of the older ones

There are certain qualities that you have a right to demand from a novel, and if it doesn't provide these qualities throw it away as quickly as you throw away a bad oyster.

What Makes a Good Novel?

According to Jane Austen, who is one of the most entertaining novelists who ever lived, a novel is a work "in which the greatest powers of the mind are displayed, in which the most thorough knowledge of human nature, the happiest delineation of its varieties, the liveliest effusions of wit and humor, are conveyed to the world in the best chosen language." Now I would have you judge all the novels you read by that standard. If your novel just lulls you to sleep, as a soft shampoo lulls you, if the characters do not come alive, do not become clear and dear to you, if you are not swept clean off your feet and transported into an entirely different world while you are reading, then throw the book away. A novel should shake you and rouse you, so that you definitely become different from what you were before you read it.

It is worth remembering that you cannot stand still in living. There are books which make you feel like a stagnant pool, that is a definite degeneration; there are books that make you feel like a clear crystal mountain stream, expanding and becoming richer with every passing minute That is the sort of book to search for and read and re-read many times.

"Huckleberry Finn"

A good novel is achieved by embroidering experience with imagination. The novelist is not limited to literal accuracy, but he must make his characters and the adventures they undergo plausible. Think for a moment of "Huckleberry Finn," which is quite definitely one of the greatest novels in the world. Mark Twain tells us that most of the events that are described in it actually happened. All he had to do was to touch them up. And it is certainly true that we feel as we read it the plausibility of every incident described. It was exactly like Tom Sawyer to want Jim to play the jew's-harp to the rats to make his captivity seem more in keeping with Tom's "romantical" notions, and so on.

"Huckleberry Finn" is an ideal novel because it is alive and natural from the first page to the last; it is crammed full of wit and humor; it exhibits not only a thorough knowledge of human nature, which is an absolute essential of a good novel, but what is more important, it displays an all-embracing sympathy with human nature. We feel the richer for having Huck for a friend, uncivilized scallywag though he may be. He had a heart of gold, and showed so fine a sense of loyalty to Jim that he makes us ashamed of our frequent trivial treacheries to those who need our help.

A true novel invariably makes us realize afresh the indomitable courage of man, and opens our eyes anew, perhaps even for the first time, to the beauty of life. It need not be portentously solemn over this. Some of the best novels in the world are the funniest. Think of "David Copperfield" and "Pride and Prejudice." I know no more richly comic characters in fiction than those two humbugs, Wilkins Micawber and Mr. Collins. There is nothing particularly solemn about Gulliver or Don Quixote. The great novelist is almost always a great humorist. After all, laughter plays at least as large a part in life as tears, and it is the novelist's main object to hold the mirror up to nature.

Now there is one piece of advice I should certainly like to leave with you.

Finding Out for Yourself

To get the fullest enjoyment out of a novel, whether that novel be "Moby Dick" or "Ivanhoe," an historical romance by John Buchan, or D. K. Broster, or a whimsical fantasy like "The Wind in the Willows," you should make up your mind to see how it comes into being.

You should practice novel-writing for yourself. You may take your plot out of newspaper report, your characters from people you pass in the street (as O. Henry did), but actual experience is not enough. You are not reporting an incident for a newspaper. You have to weave out of your imagination an ordered pattern. You have to aim at being no less an artist than a painter or a musical composer. Before ever you start you must know precisely what you are setting out to do. A novel must have shape and form. Merely to spill words and meander as the mood seizes you is a great temptation to nearly all writers, but must be diligently avoided. Once you have tried for yourself and found how lawless and intractable your characters are apt to get, how difficult a thing it is to make dialogue invariably reveal the character of the speaker, how to pass from one incident to another, or to mark the passage of time without a noticeable awkward jerk, once you have tried yourself and seen how difficult a thing the technique of novel-writing is, the more you will be filled with wonder, the more you will enjoy the genius of Mark Twain, and all the select band of novelists who have achieved immortality.

[This is the first of a series of four articles to be published on the first Thursday of each month.]

Sunset Gardens

The winter world is white and the gardens are covered with snow. But in the sunset sky is a garden as beautiful as any in summer.

The western sky has a bed of yellow crocus; it is a long narrow bed and the crocus blossoms are clear yellow. Along one edge is a bank of violets, very pale and timid, as if they were the first of the season. Down a hill of gray cloud is a stream of water where green lilies bloom, and where bits of cloud look like gray birds drifting on the stream half asleep.

The garden changes as the sun sinks lower. There are mountains the color of amethyst, and the sun is like a ruby lantern that was left to light the way down to the other side of the world. The mountains crumble away and disappear, leaving a great tangle of ramblers covered with soft crumbled roses. They grow so fast that soon there are left only some pale gold branches.

All the flowers left have folded themselves softly away and summer in the evening sky is over.

There remain only a few specks of rose and scarlet like autumn leaves and these blow away, leaving a garden bare of flowers waiting for night and snow to cover it. Just as the gardens on earth wait for winter.

The sky was like poem in a book; now the book is closed, but the poem is in the heart never to be forgotten.

Where All Kinds of Babies Play Together

Photos by Elisabeth Hansel

In the Heart of Germany's Capital City, Children Can Make Friends With Baby Animals of Many Sorts, Not Only With Chickens, Ducklings and Piglets, but With Bear Cubs and Baby Elephants. Our Picture Shows Some Delightful Scenes Taken at the Zoo.

A Nursery for Baby Animals

THE Berlin Zoo has a real nursery of its own, such a happy and delightful nursery. There are no cages there, no fences, no separating bars; the babies of the zoo run around just as they choose, and do just what they like.

Here is a place in the very center of the big city where children can make friends with young animals. Chickens and ducks, bear cubs and "huge" baby elephants, all run, climb, tumble and play together to the great joy of their little human friends. Lambs, kids and small pink pigs peacefully trot about, even a baby llama, followed by its severe looking mummy, joins the party, joyfully wagging its bit of a tail.

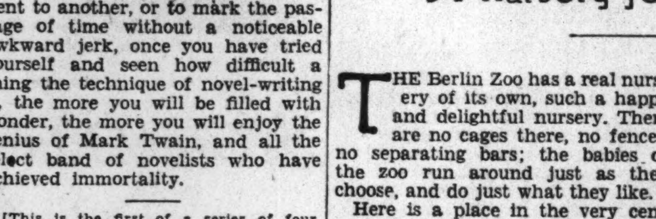
And who is this, riding on the shoulder of her keeper? None other than Miss Ilse, the baby chimpanzee, a great favorite with all the visitors. She shakes hands with everybody, and clasps her tiny brown arms gently around the necks of her human playmates. Ilse has big brown, intelligent eyes, with a charming look of astonishment as she gazes round. But she is a real baby, and plays from morn to night. Most of her time she spends in the arms of her keeper, or riding on the back of Puppe, the one-year-old baby elephant, who is always putting his small trunk into other people's pockets!

Next door to Ilse's home lives the gray ass-mamma with her baby which is only two weeks old, but which is already very proud of its wonderful long ears.

Then there are the young camels who love to rub their soft muzzles against the palm of your hand. In the evening, when they are sleepy, they begin to cry and look around with their great longing eyes. Behind the wall, in the big, grown-up zoo, their mothers answer with tender, growly noises; and then the gate is opened, and the young camels rush to their mummies' sides, and snuggle down contentedly for the night.

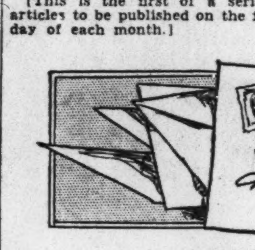
We must not forget the lion, tiger, and leopard babies. They are not allowed to run around with the other animals for their sharp claws inside the thick little paws might scratch now and then, and they are not ready for the overwhelming caresses of their human friends; but it is great fun to watch them playing together, or turning somersaults; and what ridiculous faces of astonishment they make when, after some adventurous climb, they come down flop with a sudden rush!

Everything in this nursery is so joyful that it is hard to tear oneself away. A last pat for Puppe, a last hand-shake with Ilse, a last stroke to the soft nose of the llama, and we say good night to our dear little friends.



Conducted by FRANK L. WILSON

MY FIRST packet of mixed stamps brought a thrill of expectancy as I opened the envelope and looked through that pile of colorful bits of paper.



What did I find? Nothing of a rare nature or priceless variety, but I did find a wealth of educational value in many of those interesting and unusual stamps. Belgium was indeed well represented in great variety of colors and hues, and from these I was able to provide a page in my album full of brightness and color. A special find, the one-franc stamp issued this summer and bearing the likeness of H. R. H. Prince Leopold in the uniform of the 12th Regiment of the Line, gave an appearance of dignity to the page, for you can rest assured I placed this pretty stamp in a special frame at the top of the page. France, too, showed interesting album material in new shades of the "Sower" type, and one of the new blue colored "Congress" stamps added zest to the hunt. For a small cost I indeed had a happy evening.

Many of the stamps gave me cause for thought. I found items of precancels, of surcharged stamps and overprinted provisionals that needed their share of study, for I must know why such stamps bear special overprinting beside the regular cancellation marks of the post office. Queer names on the stamps puzzled me. A small stamp with the word "Segnatasse" at the top turned out to be an Italian postage-due stamp. I found that Lietuva was the local name for Lithuania, Ceskoslovensko for Czechoslovakia, Nederlandsch-Indie for Dutch Indies, and other strange names for familiar countries. Perhaps my greatest find that evening was a Kookaburra stamp of Australia. I have illustrated this stamp above so that you may see this solemn-looking humorist of Australia. The Kookaburra is sometimes called the Laughing Jackass or locally, the "Settler's Clock." This bird certainly enjoys his fun, for as he starts his tirade of raucous glee he throws his head back and shakes and quivers with merriment as if he were perpetrating a huge joke on his feathered neighbors.

Just a mixed lot of stamps, but what a lot of fun and enjoyment.

Washington Bicentennial Commemoratives

Our country has announced the list of artists whose portraits of Washington will be reproduced in miniature on the new series of Commemoratives issued on Jan. 1 On the ½c, 1½c, 3c, 4c and 5c will appear the portraits executed by Charles Willson Peale; on the 2c and 10c stamps the portraits by Gilbert Stuart, on the 6c and 7c the portraits by John Trumbull, on the 1c a bust by the famous sculptor, Jean Antoine Houdon; on the 8c a crayon physiognotrace by Charles Saint Memin, and on the 9c an adaptation of a portrait of Washington by W. Williams.

Between 40 and 50 life portraits of Washington are known to have been painted by both American and European artists and these portraits have been copied and recopied many times. Such a collection of these portraits in miniature as the United States Government will distribute this year through the medium of its postage stamps should grace every collection of miniature art and postage stamps, for here we have a reproduction of the highest type of portraiture of the late eighteenth century in miniature by the engravers of today.

Queries and Answers

Q. I have in my possession a Ceylon stamp with the overprint "Cave" across the face of the stamp. Will you please explain this?

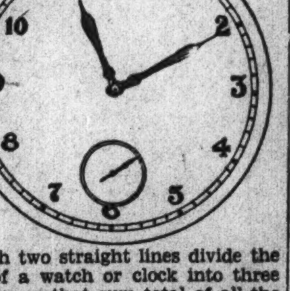
A. Many of our firms today perforate their stamps with the initials of the firm for the purpose of preventing pilfering of the postage stamps. An important firm of merchants of the Island of Ceylon had their name applied to these stamps to prevent the same petty pilfering; this accounts for the overprint "Cave."

Q. Will you please explain what is meant by a "Frank"?

A. This is where a signature takes the place of a postage stamp. At one time the practice was quite general among the officials of the Government, and their friends, but it was so abused that restrictions were placed on its use and today the privilege is enjoyed by comparatively few private persons. These "Franks" or Signature Covers are eagerly sought after by collectors and especially those Covers of the Presidents and their Cabinets.

[This new feature, which will be of special interest to stamp collectors, will be found on the first Thursday of each month.]

Clock Puzzle



With two straight lines divide the dial of a watch or clock into three sections so that sum total of all the hours on each section equals 26.

Key to Puzzle

Key to "European Country Jig-Saw Puzzle" published last Thursday:

The nine silhouettes of the puzzle, when properly fitted together, form a picture map of Switzerland, that small European country which is only about as large as Vermont and New Hampshire combined, but which is famous for many things. The St. Bernard Dog and the Calendar Clock Tower find their places within the map.

The five words formed from the "scrambled" letters are: Switzerland, Bern, Alps, Matterhorn, Geneva:

A Young Archaeologist in the Making

THE vocation of archæologist appeals to many of us. To make expeditions in little-known parts of the earth to dig up buried relics which tell the fascinating lore of an ancient world appears a decidedly romantic pursuit.

But how to become an archæologist? Archæology is a highly specialized occupation, requiring a basic knowledge of history, of the languages of the region in which one works, of architectural draftsmanship and other things. It seems a far-off goal for a high school boy with no money or influence to aim for.

"Pete" Day, of Des Plaines, Ill., a high school youth, realized this. But he couldn't stop dreaming about being an archæologist. He got his first glimpse into the alluring field when he read newspaper stories a decade ago of the finding of King Tuthankhamon's tomb in Egypt. He thought it was too fantastic an ambition to talk about then, but as he grew older and more confident he decided to find out what steps he would have to take to prepare himself. So he began writing letters asking advice from archæologists, men he didn't know at all except through articles or books of theirs he had read. Some answered and he kept in touch with the ones who seemed encouraging. One of those who showed an interest in the boy's queries was Dr. S. G. Morley, of the Carnegie Institution, Washington, D. C. Dr. Morley is a specialist in Mayan archæology, having made important discoveries in the Indian ruins in Yucatan.

"Pete" resolved he was going to see Dr. Morley. He was already deeply interested in the Mayas; he felt this was his field. His first opportunity to meet the Washington archæologist came when Dr. Morley visited Chicago to give a lecture. The boy heard the lecture and seized the chance to introduce himself afterward. But the usual crowd of interested guests came up to talk to the speaker, and "Pete" realized he simply couldn't plan his career then and there.

So he went back to school. By this time he was in college, working to help pay his way. Although he didn't see yet how he could be an archæologist, he was planning his undergraduate work with a view to that career. He found the best way was to work a year and go to college a year, alternating until he would be ready to graduate.

Last summer he decided the time had come for him to see Dr. Morley, and personally. Learning that the archæologist lived in Santa Fe, "Pete" set out to see him.

Santa Fe is more than 1500 miles from Chicago and "Pete" had very little spare cash, but he managed to get there by paying a small sum for a ride in an automobile of a party going through that city. He had made no appointment, and one day he just walked into the Laboratory of Anthropology at Santa Fe, taking with him some of his freehand drawing work to show Dr. Morley. The whole trip, with five days in Santa Fe, and six of "hitch-hiking" back, thanks to the lifts he received from motorists, was made in just two weeks.

But what results came of it! Dr. Morley was convinced that the young man was in earnest about his career and made him a promise. If he would get his B. A. degree at the college he is now attending, by 1933, Dr. Morley would make him a member of his February, 1933, expedition to Yucatan. After that he would have to keep on studying to get a master's degree.

So you can imagine that "Pete" is working hard to get his degree in time for the 1933 expedition.

In the meantime, he is making valuable acquaintances among the men who in the future will be his colleagues. When Dr. Morley came to Chicago recently to lecture, "Pete" had the happy privilege of spending the afternoon and evening with him. Already he can talk about the Mayans as if they were old comrades.

"The field is wide open," says "Pete," who is really H. Summerfield Day. "So little has been done in it. While in the Near East excavations have been going on for generations, in Yucatan the work is only 50 years old. There are cities still to be discovered. The study of Mayan heiroglyphs has hardly begun."

Mr. Day finds his work more interesting than the usual recreation. "It is a true mystery thriller," he says.

D. K.

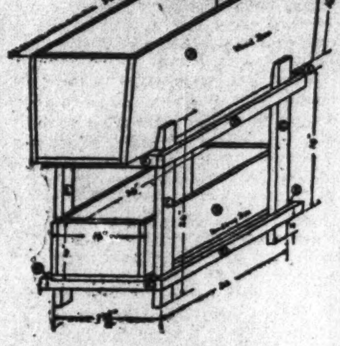
Things to Make From Old Boxes

[This is one of a series of articles prepared by the National Committee on Wood Utilization in its effort to bring about the utilization of secondhand wooden containers such as boxes, crates and barrels, now thrown away or burned. More than 4,000,000,000 feet of lumber are used annually in making these containers. If suitable for construction purposes, this lumber would build more than 400,000 average-size frame dwellings.]

Elevated Wood Box

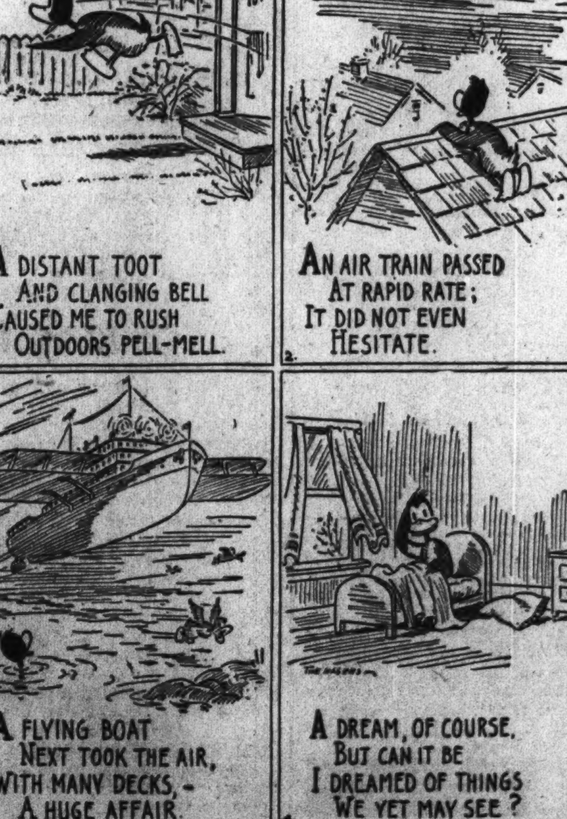
To make a handy elevated wood box for both kindling and logs secure:

One box 36 by 16 by 16 inches for wood box (A). One box 36 by 16 by 10 inches for kindling box (B). Four for side braces (D). Four pieces 25-32 by 1¼ by 17 9-16 inches for end braces (E).



Nail end braces (E) to narrow edges of legs (C), as shown. Nail side braces (D) to legs (C) and to ends of (E). The boxes fit on the framework as shown.

The Adventures of Waddles



Mail Bag

Maywood, Illinois

Dear Editor:

I want to express my appreciation for having received so many lovely letters through the Mail Bag. I am a girl of fourteen and am a freshman in high school. My hobbies are reading, writing, collecting stamps, etc., playing the violin (I am in the high school orchestra), sports, and almost everything.

Every summer our family goes up in the northern part of Michigan where we own a cottage and some land. There is much wild life around there, such as deer, chipmunks, squirrels, porcupines, rabbits, field mice, muskrats, beavers, and a few bears. Of course, there are more than these, but these are all that we have seen.

I have always wanted to tame some wild things, so last summer, as I had plenty of spare time, I decided to try and tame the chipmunks.

A family of them live under our house and one day when I saw one come out, I took some bread and walked out very quietly. I sat down on the ground and inched myself nearer and nearer. When I was about a foot from him I held out my hand, but he only turned and dashed into the woods. I was about to leave when I saw him peering inquisitively from behind a bush, so I sat very still. Suddenly he decided that all was safe, and ran quickly to my hand, picked up the largest piece of bread and darted away. He soon came back, and this time he stayed long enough to stuff his cheeks. The little "chip" chose a large piece of bread and thrust it violently into his mouth. Several times this happened until it found its proper place. Then he proceeded to fill his cheeks and rushed hurriedly away.

During the summer I formed quite an extensive friendship with the little "chips." They soon became acquainted with me and would run to be fed when they saw me.

We gave them all names. They were Isaac, Douglas, Nick, Blinker and Winker, the two baby "chips," and Bobby and Rudyard. Of course there were many others but these were the friendliest.

One of their favorite foods was shelled dried corn. I always carried several handfuls of it in my pockets. They became so tame that they would climb up and down our legs and look into our pockets for corn. Chipmunks hibernate in winter. They make little tunnels under the snow to their stores of food.

The baby chipmunks are very jolly. Their bodies are about two inches and their tails are the same length. They will climb up and sit in my hand. Their little eyes twinkle and they peer mischievously up at me as if to say, "I'm not afraid of you. We're pals, aren't we?"

If someone would care to write to me, I should be glad to tell them more about my friends, the chipmunks.

I have a "Jeans' Correspondent Club," and if any Jeans of about 14 years of age would care to write we should be glad to have them join.

Recently a small group of the Chicago Mail Baggers met in Chicago. My sister and I went to the meeting. We all had luncheon together. I met one of my pen-pals and several other nice people.

I should like to receive letters from foreign lands, though any from the United States are welcome, too. I should especially like to hear from Japan and Alaska.

Jean S.

Hamburg, Germany

Dear Editor:

It is only a short time ago that I learned that in the Mail Bag some letters also appear from those who have passed their twentieth year. I am very glad that I have found that out.

I do like the Monitor very much and prefer it to all newspapers in my tongue, for its interesting articles and for its tendency toward truth and good in general. I am a member of a Monitor Reading Group, and I am very grateful, because it gives me the opportunity to increase my knowledge of many subjects.

Since I moved to Hamburg nearly three years ago, I have entered upon a business career. I am interested in music, literature, the theater and my favorite sports are swimming, rowing, skiing. When living in Dresden I was often in the Saxon "Erzgeberge," which is well suited for skiing and which was great fun for me.

Hamburg is a very beautiful and interesting city. The Elbe, Alster and many canals give numerous possibilities for water sports of every kind. In summer, people spend much times on the Alster, in yachts, canoes and rowing boats, enjoying the concerts from the shore. The zoo of Hagenbeck is known all over the world because its wild animals are kept in the open air.

I should like to find correspondents in the United States, England, South Africa or any other country. I can write letters about Germany, Austria and Czechoslovakia. All letters in English, French or Spanish will be answered.

Alexander O. B.

Port Orchard, Washington

Dear Editor:

I read the Mail Bag and enjoy it very much.

One of the subjects I am taking in school is called "Our World of Education." In this class we were talking one day about colleges and universities and our teacher suggested that it would be nice to write letters to different ones to find out all we could about them. I thought I would try to find out about colleges and universities in South America.

My favorite hobby is chemistry. At Christmas time, I received money to buy a small set for making simple experiments.

Robert S.

Moccasin, Montana

Dear Editor:

I have often read the Monitor; in fact, look forward to it with joy, although I have never written before.

We live in the heart of Judith Basin in a small town (population 115), in the very center of Montana. The town is out in the middle of a plain with mountains surrounding it. The nearest of these is 32 miles away. The mountain scenery is beautiful, and there are clear, cold, freshwater streams with mountain trout. Wild game abound, such as deer, elk, bear, wolves and mountain lions or pumas. The timber has not been cut as has the undergrowth, but in places even that is thick I have had many delightful times in these mountains.

On our plains we grow wheat, both winter and spring. This is the main crop, but once in a while one might see a field of oats, although it is scarce. We have many cattle here, and a few sheep, too.

I like Snubs, Little Cat, the Mail Bag, Milly-Molly-Mandy and the Young Folks' Page. I also read the editorials, and use them in my school work.

I am collecting stamps, and would be glad to exchange with some girl near my age, anywhere over the world I am also interested in music and books.

Hoping for a new friend soon.

Catherine J. J.

Saskatoon, Saskatchewan, Canada

Dear Editor:

It is some time since I started to read and enjoy the Mail Bag. So far I have not ventured to write to you, but, realizing that it is not fair to receive so much enjoyment without contributing to that of others, in some part at least, I am writing to express my appreciation of the work the Monitor and the Mail Bag are doing in helping to cement international friendships.

Through the Mail Bag I have already gained one good "pen pal," and as this experience has been so delightful, I am in hopes of making many more. I am interested in sports, dramatics, literature, art, "what to the uninitiated is stamp-collecting, and to the enthusiast is philately," Dickens, and many more things, including letter-writing. I am 17 years old, though age doesn't really matter, does it?

I should be delighted to receive letters from anyone anywhere (although I should particularly like to have one from India), and to give of my knowledge of our wonderful "Lady of the Snows," of whom we are all so proud.

Helen M. H.

[Jean, Catherine, and Helen will all be pleased to see our new Stamp Corner. —Ed.]

The following would like to receive letters:

From Girls

Donna Marie T. (12), Torrance, Calif.—Interested in Girl Scouts, music and sports.

Moira G. (13), Davidson's Mains, Midlothian, Scotland. Especially from France. Exchange stamps and postcards.

Louise B. (13), Hollywood, Calif.

Shirley W. (15), Rangiora, New Zealand —Correspond in French or English. Interested in music, reading, tennis and stamps.

Cees B. K. (15), Bantool, Java, Dutch East Indies.—Exchange stamps and postmarks.

Daphne B. (16), Rangiora, New Zealand. —Interested in music, reading and stamps.

Muriel S. (17), East Brisbane, Australia.

Dometila R. (17), Santa Paula, Calif.—Especially from Mexico.

Faika H., Jerusalem, Palestine.

Agnes N., Leca da Palmeira, Portugal. Interested in stamps.

From Boys

George P. (12), Durban, Natal, S. Africa. Exchange stamps and postcards.

Robert B. (12), Coeur d'Alene, Idaho.

Bobby T. (12), Torrance, Calif.

Herbert H. (13), Chicago, Ill.—Interested in music, history, stampe and sports.

Edmund K. M., Atlanta, Ga.—Especially from Japan, China, Egypt and Zanzibar. Interested in stamps.

Basil L., Derby, England.

Over 20

Lillian C., Rofle, Colo.

Leona N., McPherson, Kan.

Evelyn B., Harrogate, England—Interested in music, art, needlework, dressmaking and swimming.

Vera H., Knox, Penna.—Interested in literature and home economics.

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THE HOME FORUM

Going to the Sun

IT WAS one Sunday at Going to the Sun Camp in Glacier Park that I met Vachel Lindsay, the poet.

From my window in one of the small châlets that cling to the mountainside, I had been gazing at the majestic snow-crowned peak, Going To the Sun, towering like a dream into the azure blue sky. At the foot of the mountain lay the lake, reflecting peak and sky in startling clearness.

I had been gazing for I don't know how long, when to my beauty-filled mind penetrated the words: "The story of the lamb in the book of Revelation." It came booming through the thin partition between the rooms in full, rounded tones.

I turned my head. Idly I thought: "It is Sunday and they have asked some visiting minister to preach a sermon." I was surprised, too, to think that the small châlet should contain a room large enough for services.

The voice in the next room boomed on and on. Then the words: "Everyone is expected to have a single-track mind, running straight to a given point, and if you haven't there is a great cry of Bolshevism shouted from the housetops!" It came tumbling through the walls in a crescendo.

What sort of sermon was this, I wondered? The walls in the châlet were of logs chinked with plaster; and, as I gazed wonderingly at the partition, it occurred to me that perhaps one of the reasons for the voice coming through so audibly was that a large piece of plaster was broken off in one place. One could see plainly into the next room!

Expecting to see a minister addressing a congregation of tourists, I looked closely and, to my surprise, I saw a man lying on one of the high, narrow bunks. His arms were beneath his head, which was covered with a mop of reddish hair, and he was addressing the ceiling as if it included a large audience.

On the other bunk sat another man, also red haired, sewing up a rip in a jacket with a big needle and a long piece of black thread.

I drew away to the far side of the room and heard the other voice speak for the first time. "Here is your jacket, Vachel."

"Thanks," boomed the first voice. "We had better start before the boat comes in."

"I'll go over and get what we need," the second voice said.

The door slammed and the realization of who these two in the next room were came to me.

We had heard, when we reached Many Glaciers, that Vachel Lindsay, the poet, and Stephen Graham, the English novelist, were tramping through Glacier Park. It had not occurred to anyone that we might run across them. Stephen Graham's book on this experience, *Tramping With a Poet in the Rockies*, relates that they constantly met people who recognized Mr. Lindsay, and that their camp fires on many occasions were visited by tourists.

The voice in the next room was humming, like a great bumblebee.

I had never asked anyone for an autograph, but now I wished very much that I might obtain one of Mr. Lindsay's. Lacking an autograph book, what did one put them on? On the crude little desk lay picture postcards, purchased at the curio shop. Picking up one of these, I went out on the narrow, little porch that ran across the back of the châlet.

In just a moment Vachel Lindsay appeared. A battered old hat covered most of his red hair. He wore the mended jacket, and old trousers rolled high above stout shoes.

I grinned and held out the post card. "Do you mind writing your name on this?" I asked, in what I hoped was the true autograph collector's manner.

He smiled broadly and, taking the card, wrote across the whole back of it, Nicholas Vachel Lindsay. Then, turning the card over, he looked at the picture on the other side. It was a group of the châlets at Going To the Sun Camp.

He looked at me quizzically. "You will never know Glacier Park by going from one hotel to the other," he said.

"I rode up to Sexton Glacier this morning," I said, trying to prove to him that I, too, was acquiring a real appreciation of the Park.

He smiled. "That's not it, either. You must go up there and down the other side. That's where you will find Glacier Park," he said, pointing to the snow-capped peaks.

Up the path from the big chalet that contained the kitchen, dining room, store and curio shop came Stephen Graham. His arms were filled with small bundles and boxes. His pockets were stuffed with tins.

Vachel Lindsey laughed and, going to meet him, took half the load from him. "We won't see civilization again until all this has been eaten," he said.

"Are you leaving right away, Mr. Lindsay?" I asked.

A whistle sounded.

"Yes. Here comes the boat. There will be fifty more tourists disembarking in a moment. I must miss that."

"Where are you going?" I asked.

With a box of crackers he pointed to the glorious peak, Going To The Sun. "Up there," he said.

The sun streamed over its snow-capped peak, which glistened with a dazzling whiteness against the dome of heaven.

I watched the two figures disappear around one of the châlets. In a moment they reappeared, climbing up a slender mountain path, then they vanished between the pines.

E. H. R.

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CHRISTIAN SCIENCE QUARTERLY

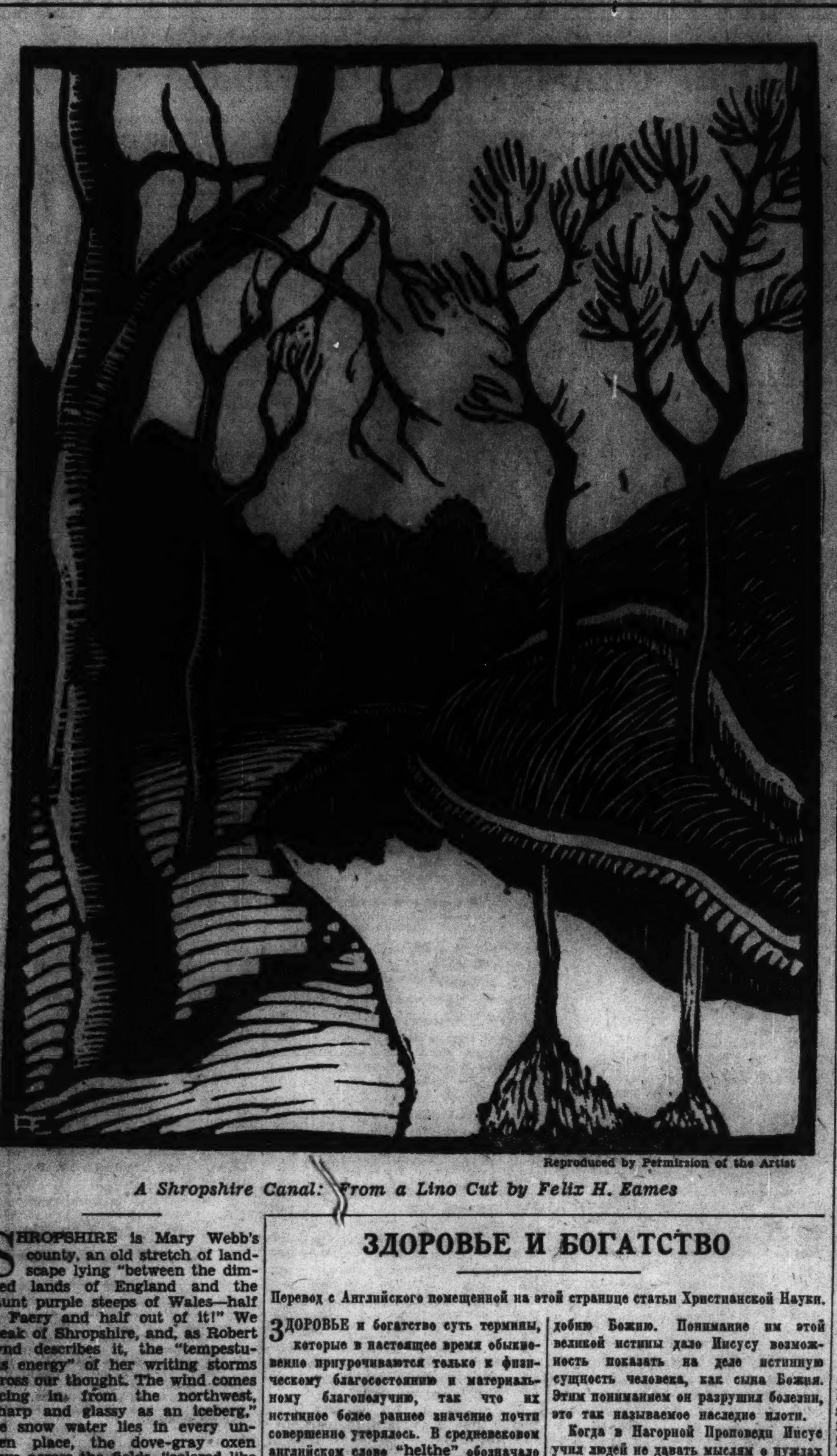
Old Castles and New

From Sarteano it is about four miles to Cetona, nor to my thinking can there be found a town more perfect in type, more exquisitely framed in country loveliness than this, with its castle tower rising above secular trees, its houses in subordinate ranks below, its neighboring villa garden all spired with cypresses, while the ground, dropping from it in successive terraces, is plumed with olives, verdant with grain, and broken by little settlements of conical hay-ricks. It crowns the top of its own hill while higher mountains form a wall behind it.

The key of the castle may be had in the piazza and one finds there is little left of it beyond the tower with its seven-foot walls, but you are allowed to climb to the top if you like, passing many rooms on its successive floors, unfurnished but with ceilings flaunting a new and highly varnished Pompeian decoration. There is the ever-beautiful prospect from the roof, after viewing which you hurry down to enjoy the rugged exterior so happily draped with vines and caressed by noble cypresses and pines and where a deeply shadowed flight of steps lead down to a pretty little open-air theater. The tiers of seats are nearly covered with sod but the pit, the stage, and the prompter's niche are still quite perfect and also the grand private box for the family, importantly opening from an upper terrace.

If this valley beguiles us to prolong the exploration of it, we can continue in the southerly direction and presently come to Pe Piazze, a small village above which stands a castle in the clouds, Fighine—who could have hoped to take it, perched as it is like a hawk on the topmost branch of a tree! .... From its great height the Chiana Valley lies below, drawn like a map, and the summit of Monte Cetona, which we have been approaching so long, is now close by and companionable, but when we have sat on the steep hillside for a while and given our hearts to nature who has done so much here where human beings have done so little, we turn away with a sigh, and, slipping down the western flank of the mountain, take our way toward San Casciano de' Bagni in its sylvan valley and are comforted, for it looks inhabited and by a small cheerful population who enjoy life.

The antiquity of the little town is unquestioned, its baths were known to the Romans, and Horace speaks of them. In the Middle Ages it belonged to the wide-spreading realm of the Visconti of Campiglia d'Orcia, but all that is old in the place is put out of countenance by the magnificence of the conspicuously new castle lately erected in the midst of it. No doubt it represents a former historic building, but its high walls, its towers, its battlements, its gorgeously painted coats of arms, its floating banners, try to reproduce the past and yet have such an air of juvenility that the effect is amusingly incongruous. There can be little doubt, however, that the citizens of San Casciano are immensely proud of it.—From "Byways in Southern Tuscany," by KATHARINE HOOKER.



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A Shropshire Canal: From a Lino Cut by Felix H. Eames

SHROPSHIRE is Mary Webb's county, an old stretch of landscape lying "between the dimpled lands of England and the gaunt purple steeps of Wales—half in Faery and half out of it!" We speak of Shropshire, and, as Robert Lynd describes it, the "tempestuous energy" of her writing storms across our thought. The wind comes racing in from the northwest, "sharp and glassy as an iceberg," the snow water lies in every uneven place, the dove-gray oxen move across the fields, "colored like the grouse that fly about Mount Gilbert," the wattle fences and beanland and barleyland are there before us, and "the color that comes on the heather when it is in full flower, which is like the bloom on a plum . . . The rumour that runs, in warm, dark, spring evenings from the peering leaf down the veins of the stalk, to the waiting flower sleeping in the root—a rumour of rain and misty heat and the melodious languors of a future June. . . ."

There is a scene in "Seven for a Secret" which well describes the landscape that Felix H. Eames has chosen for his lino cut: "Mile and mile held and refracted every ray of the drenching sunlight and made a comfortable and pleasant picture beneath the . . . sky." Here, with the blackness of pines for a background, down the hillsides comes the white water as still as a dew pond, grasping with firm hold the reflections of the wintry trees. The strength of the branches and powerful trunks is enhanced by the medium the artist has chosen, enabling him to obtain a freedom of expression which, he believes, most suitably represents the spirit of the age in graphic art.

Mr. Eames first trained as an engineer, and it was not until after the war that he took up art and engraving seriously. He uses wood or lino chiefly for his prints, and has exhibited at the Liverpool Autumn Exhibition, Ohio State University, and at private shows. In the present print there is a severity of line which is admirably suited to the subject.

ЗДОРОВЬЕ И БОГАТСТВО

Перевод с Английского помещенной на этой странице статьи Христианской Науки.

ЗДОРОВЬЕ и богатство суть термины, которые в настоящее время обыкновенно приурочиваются только к физическому благосостоянию и материальному благополучию, так что их истинное более раннее значение почти совершенно утерялось. В средневековом английском слове "helthe" обозначало здоровый, здравый, целый, здравствующий и тесно связано с Англо-Саксонским "hal," от котораго произошло слово "holy" святой. Wealth—богатство, с другой стороны происходит от средневековаго английскаго "wele," которое означает "weal" или "well," что подразумевает в себе, благополучие, благосостояние следовательно состояние целостности и счастья. Поэтому когда Иисус Христос сказал Евреям: "На меня ли негодуете за то, что я всего человека исцелил в субботу?" Он без сомнения ссылался, не только на тот факт, что разслабленный был в состоянии ходить, но и на то что он был возвращен в тоже время в нормальное состояние общаго благоденствия.

Связь между здоровым и святым еще яснее показана в Евангелии от Матѳея, где записано, как Фарисеи обвиняли Иисуса за то что он ел с мытарями и грешниками. Его ответ был характерен: "Не здоровые имеют нужду во враче но больные." В этом месте нет указания на то, что лица к которым оно относится были бы физически больны. Исцеление или делание целым, в котором нуждались эти мытари и грешники было следовательно уничтожение греха через посредство святости.

Чем более мы изучаем жизнь Иисуса, записанную в Новом Завете, тем более становится очевидным что дело Отца его, которым он исключительно был занят, заключалось в пробуждении человечества от иллюзии, что материя обладает жизнью, к правильной оценке духовной, совершенной природы человека, как сына Божия. Наставлениями и примером Учитель доказывал своим ученикам, что человек по существу божественнен и сотворен по подобию Божию. Понимание им этой великой истины дало Иисусу возможность показать на деле истинную сущность человека, как сына Божия. Этим пониманием он разрушил болезни, это так называемое наследие плоти.

Когда в Нагорной Проповеди Иисус учил людей не давать мыслям о нуждах тела первенствующаго места, он направил их мысли от материи к Духу, как к источнику удовлетворения всех потребностей. Иисус обратил внимание человечества на Жизнь, Бога, как на начало истинной духовной жизни и таким образом, показал ему, как ошибочно исключительно уповать на физические пути и средства для существования. Зная что умственная пища глубоко необходима человеку, Иисус, возражая искушению зла в пустыне, привел следующие слова Моисея: "Не хлебом одним будет жить человек, но всяким словом Божиим." Целостность или всеоб'емлемость Бога, согласно с духовным законом причины и следствия, как это и было ясно показано Учителем, являются основой здоровья, счастья, святости и благополучия человека. Полное согласие между Новым и Ветхим Заветом по этому важному вопросу теологии вновь совершенно ясно указано в предупреждениях Моисея сынам Израелевым не приписывать себе заслуги за блага, которые они ожидали получить в обетованной земле. Он сказал, "Но чтобы помнил Господа Бога своего ибо Он дает тебе силу приобретать богатство сие."

В наши дни Христианская Наука снова делает очевидным превосходство Духа и показывает, что истинный человек, отражающий божественное подобие, не может быть никогда отделен от Бога, который есть Все и выражает все. В основном руководстве Христианской Науки, "Science and Health with Key to the Scriptures," (на стр. 465), Mrs. Eddy дает семь равнозначущих определений Бога—Разум, Дух, Душа, Принцип, Жизнь, Истина, Любовь"—которые, говорит она, "предназначены чтобы выразить природу, сущность и целостность Божества." Важность целостности, как свойства божественной природы, не может быть преувеличена, ибо она есть то духовное основание на котором последователи Христианской Науки учатся защищать себя от всего, что не подобно Богу.

Понимание целостности и всеоб'емлемости Бога, есть поэтому средство против зла во всяком его виде; ибо знать истину по какому бы то ни было вопросу значит отрешиться от всякой лжи или отбросить всякую ложь о нем. Как в природе, подобие порождает подобие, так и в царстве духа—а никакого другого в действительности ведь и нет—Бог проявляет себя в целостности или иными словами в здоровьи, счастьи, мире и обилии и вообще во всем что необходимо для выражения Его совершеннаго подобия. Поняв это нам станет ясным почему Иисус учил своих учеников думать меньше о материальном и искать "прежде всего царства Божия и правды его."

Все это нам быть может станет еще более ясным если мы вспомним, что выражение "познание спасения," встречаемое у Луки, было первоначально передано, как "Sience and helthe" в раннем английском издании перевода Wycliff'a. Это обстоятельство стало известным Mrs. Eddy, как это она сама говорит в своем послании к Mother Church в 1902 году (стр. 16), лишь шесть месяцев после того как ей пришло путем вдохновения название для основного руководства Христианской Науки.

Справки относительно литературы Христианской Науки на этом языке могут быть получаемы путем письменного обращения к Издательскому Обществу Христианской Науки. (The Christian Science Publishing Society.)

Liszt's Fabulous Technique

Bearing in mind that the pianoforte was a far less powerful instrument in the early part of the nineteenth century than it is now, and had a lighter touch, it is interesting to know that not only was Liszt's finger facility beyond that of anyone else, but that its dynamic range and control was astounding. He reveled in those favorite effects of Beethoven, the sudden sforzando in the midst of piano, and the big crescendo culminating in pianissimo. These were the things that electrified an audience and confounded less accomplished players.

But more than all, the uncanny ease with which he would ripple out fabulously difficult cadenzas and ornamental embroideries, often inventing or modifying these on the spur of the moment, this was the despair of would-be rivals who went to hear him play some particular show-piece, in order to learn how it was done. There are many legends to this effect, but one is sufficient to note here; it is a good and perfectly authentic story, narrated in minute detail to the present writer by the brothers Hartvigson, who were both present on the occasion.

On a certain evening (in 1864 or thereabouts) the famous Dreyschock, a pianist celebrated for his wonderful playing of octaves, was honored by a royal command to perform before the Emperor Franz-Joseph in Vienna. Now Dreyschock had an "encore piece" which was an arrangement of Chopin's study in C minor, known as the "left-hand study." This was done so that the left hand appeared to play the difficult semiquaver passages in octaves. Much of this was no doubt what is termed "fake," but the piece was very clever, and always made a great effect. On the present occasion it was duly trotted out, and the Emperor was so excited that he applauded wildly, and turning to Liszt, who was sitting as usual close by, exclaimed: "There, Monsieur Liszt! Can you beat that?"

It was known that Liszt had long retired, but the Emperor's challenge was a command: he rose, bowed, and made his way to the platform. The surprised audience applauded, he shook hands with Dreyschock and sat down. After a momentary pause he proceeded to play another Chopin study; the F minor (double rhythm study) so swiftly and delicately that, whereas the other had been like the roar of a thunder-storm, this was like the sighing of a zephyr. The audience gasped; Liszt still kept his finger on the treble C with which this piece begins and ends, then after a pause, played the study once more, even more delicately, but with the right hand in octaves. Such a tour de force, genuinely impromptu, demonstrates his fabulous technique, and can be appreciated today by any aspiring pianist, who will get the arrangement ad hoc by Godowsky.—FREDERICK CORDER, in "Ferencz (François) Liszt."

Impressions of the Commonplace

Glistening globes of scintillating light
Color—gold and green and gay vermilion
High lights on shining glass;
Jars of jelly on a grocery store shelf.
The train of a jeweled court dress,
The brocaded gown of an old Empress,
A piece of tapestry in the dusty window
Of an antique shop.
Bright pyramids of vivid oranges,
Pale emerald of lettuce heads
And dark red apples on the walk
Before a fruit stand.
The reflection of street lights on wet pavements;
The pattern of crowds endlessly moving
Making and breaking a pattern in light and dark.
The silhouettes of palm trees against the first white stars,
The red geranium in an old Sea Captain's coat.
An electric sign splintering the dark into color—
All these on a city street,
And yet some say the world is dull
And beauty hard to find.

ELIZABETH ELLEN LONG.

The Little Girl Goes Shopping

There was nothing the little girl liked so much as to go shopping with her mother. First, there was the dairy with its cool blue-and-white tiled walls, but outside the dairy was even more interesting than inside. For behind the plate glass window was the big grotto that the little girl could see best from the street. The grotto had sloping sides of the greenest moss, and the tiniest ferns that sprang gemlike from crinkled rocks that framed a mysterious darkness. Ceaselessly a fountain played in sprays of diamond drops for the delight of little goldfishes that swam up to the bubbling surface, then swiftly turned and twisted out of sight. Where did that grotto lead? The little girl, peering into the dark recesses, believed that it went back into the dairy, under the dairy, far, far away. If she could but have a boat no bigger than a walnut shell, and might set forth from that strip of silver sand, what adventures she might have!

She imagined herself gliding under the spray of the fountain. Long-leaved ferns hang over her in the green light. Gold flashes in the water show where the fishes swim. Leaning over the boat's side, she can see the red and white mosaic of pebbles at the bottom, the floating to and fro of ribbonlike weeds. On she glides into the gloomy depths, but she is not afraid. Over her arches the low dripping roof. The channel grows so narrow that she can touch wet rocks on either hand. Soon there is not a gleam of light, so she thinks she must be on one of those underground rivers that she has read about. Everywhere she hears the tinkle of falling water, and cold drops splash her cheek. Her little boat carries her on, gliding, gliding. Now she is safely past a great gray boulder, and has come out into a beautiful lagoon. How wide the waters are, how blue the sky. Looking down, she sees silvery sand over which dives and darts a shoal of brilliant little fish. Emerald green, flashing scarlet, iridescent blues and yellows, they are like little birds as they soar and fly through floating bubbles. She must go on and on.

Then a hand on her shoulder. Her mother is speaking. There is more shopping to be done. Oh, dear! how quickly a dairy bill can be paid.

The next shop shows long alleys between high counters, great spaces under a wide dome of glass. What fun to ride her little bicycle up and down those long aisles, twisting in and out. Round the little house she goes, where people pay their bills, and the girl inside pokes her head out with such a surprised look. Past the great bales of silk, cascades of ribbon and foamy lace, she flies smoothly on; now people are trying to catch her, but they can't. Just as they think they have got her, she skims round the next corner, and glides up the thickly carpeted stairs to the floor above. They must come up by the lift, but she can ride her little bicycle from floor to floor, higher and higher, until she is up under the glass dome, and the shop full of running people and gay bright colors is far below her. They are all shouting and waving their pencils and yard measures at her. What fun! Why has no one ever discovered how delightful it is to ride a bicycle in a shop? Then, swoop! She is down again, curving round bends, shooting the velvet-covered stairs as if they were a rapid. Now she is back at her mother's side, and no one has guessed the adventure.

The last shop is for the little girl. It is a toy shop, where she may choose a toy for herself. The dolls of all sizes look at her with a slight astonishment in their lovely eyes. There are toys of every sort. The people in the shop think she is bewildered at such a display; they suggest this and that. But no, the little girl knows just what she wants, and presently she finds it. A tiny purse covered with seashells, just big enough to hold threepenny bits. Such a little purse as she can hide in the palm of her small hand. Is that all she wants? Oh, yes! A radiant smile, and a little hopping jump, show how pleased she is. She has always wanted a little purse like that.

And now the shopping is done.

Canterbury Bells

I heard the bells of Canterbury
Ringing high and low,
Calling, "Come to Canterbury
For love of long ago!"
It's years since I went dreaming there,
Ages since my feet
Trod the stones the pilgrims trod,
And followed every street;

And yet, when on their slender spires,
Flowers dip and sway,
I think I hear a distant chime
That beckons me away.
I hear the bells of Canterbury
Ringing high and low,
Calling, "Come to Canterbury
For love of long ago!"

ELIZABETH FLEMING.

Health and Wealth

Written for The Christian Science Monitor

HEALTH and wealth are terms which are today so commonly limited to physical well-being and material prosperity that their true and earlier significance has been practically lost sight of. In Middle English the word "helthe" stood for hale, sound, whole, or wholesome, and was closely associated with the Anglo Saxon "hal," from which is derived "holy." Wealth, on the other hand, comes from the Middle English "wele," meaning weal or well, and thus it implies well-being, being well off, hence in a state of wholeness and happiness. When, therefore, Christ Jesus said to the Jews, "Are ye angry at me, because I have made a man every whit whole on the sabbath day?" he doubtless referred not merely to the fact that the impotent man was now able to walk, but that he was restored at the same time to a normal condition of well-being.

The connection between wholeness and holiness is further indicated in the Gospel of Matthew, wherein it is recorded that the Pharisees found fault with Jesus for eating with publicans and sinners. His reply was characteristic: "They that be whole need not a physician, but they that are sick." There is no implication in this passage that the persons referred to were physically ill. The healing or making whole needed by these publicans and sinners was, therefore, the destroying of sin, the antidote being holiness.

The more one studies the life of Jesus, recorded in the New Testament, the more apparent it becomes that his Father's business, in which he was exclusively engaged, was that of awakening humanity from the illusion of life in matter to a proper appreciation of man's spiritual and perfect state as the child of God. By both precept and practice the Master taught his disciples that man is essentially divine, made in the likeness of God. It was his understanding of this great fact that enabled Jesus to demonstrate man's true estate as the son of God. By this understanding he destroyed the ills to which flesh is said to be heir.

When, in the Sermon on the Mount, Jesus taught the people not to take thought primarily for the things of the flesh, he turned their thoughts from matter to Spirit as the source of all supply. Jesus focused the attention of humanity on Life, God, as the origin of real, spiritual life, and so exposed the fallacy of relying solely upon physical ways and means for a livelihood. Knowing that food for thought was deeply important, he quoted from Moses when replying to the suggestions of evil in the wilderness, "Man shall not live by bread alone, but by every word of God." The wholeness or allness of God, according to the spiritual law of cause and effect as demonstrated by the Master, is the basis of man's health, happiness, holiness, and welfare. The complete accord between the New and the Old Testament on this essential point of theology is again clearly illustrated in Moses' warning to the children of Israel not to take to themselves credit for the good things which would be theirs in the promised land. He said, "Thou shalt remember the Lord thy God: for it is he that giveth thee power to get wealth."

In our own day Christian Science is again demonstrating the supremacy of Spirit, and it is showing that the real man, reflecting the divine likeness, can never be separated from God, who is All and expresses all. In the Christian Science textbook, "Science and Health with Key to the Scriptures" (p. 465), Mrs. Eddy gives seven synonymous terms for God—"Mind, Spirit, Soul, Principle, Life, Truth, Love"—which, she says, "are also intended to express the nature, essence, and wholeness of Deity." The importance of attributing wholeness to the divine nature cannot be overemphasized, because it is the spiritual basis upon which Christian Scientists are taught to defend themselves against all that is unlike God.

An understanding of the wholeness or allness of God is, therefore, the remedy for evil in every form; for to know the truth on any subject is to unknow or reject every falsehood concerning it. As in the natural world like produces like, so in the spiritual realm—and there is no other in reality—God manifests Himself in wholeness, which is to say health, happiness, peace, plenty, and all that is necessary to express His perfect likeness. When this fact is understood, it will be seen why Jesus taught his students to think less of materiality and to seek "first the kingdom of God, and his righteousness."

It may be helpful to recall the fact that the phrase "knowledge of salvation," which occurs in Luke, was originally rendered "science and helthe" in the early English of the Wycliffe translation. This fact was not known to Mrs. Eddy, as she tells us in her Message to The Mother Church for 1902 (p. 16), until six months after she had been given through inspiration the title of the Christian Science textbook.

[In another column will be found a translation of this article into Russian]

Scherzo

The flower-girl, singing, comes up from the river,
Up through the field to the street of the village,
Bringing her basket heaped high with the pillage
Of riverside violet, lily, and rush.

The rays of the morning flicker and quiver
Warm on her arms and her glistening face,
And twinkle on anklets that jangle together
With tinkle of bells and melodious jingle
As gay as a robin and clear as a thrush.

The wind is awake with her, fingering ribbons and lace
That flutter in tatters, bright like a paradise feather;
The wind is awake with her up from the river so early
With songs that are part of the sunrise and mingle
With the singing of birds in the willow.

The herdboy has lifted his curly head from the pillow
Of grass at her singing;
And bows to her mockingly, makes a grimace,
And laughs to the laughter that ripples her face
Till the hillside is ringing. . . .

—ROBERT HILLYER, in "The Halt in the Garden."

Keeping Guard in Scarlet

It is a bright sunny morning. At the Castle gateway the Guard is changing; bayonets gleam in the sunshine; the word of command echoes under the arch; a rattle of rifles follows. Then a little body of busbied Grenadiers comes on up the hill, marching all round about the Castle, dropping sentries and picking up sentries. You enter into the relief from ennui of the picked-up man swinging into step with the others, also into the mood of silence, which envelops the man dropped, as his comrades' marching footsteps die away. Surely, if he happens to be of a patient, receptive disposition, it must be pleasant being on sentry duty up at the Castle. For instance, out there—on the North Terrace "bosomed high in tufted trees"—he can actually look down into the rook's nests!

However stiffly he must hold himself, he can watch the winding river, the boats like water-beetles upon it, and the lively town down below him; the carts and carriages, the hawkers, children, and dogs coming down the hill under the Curfew tower. He can see into the crooked streets which run out to the river where the poor swarm, and the Italian organ-grinders and ice-cream men live. He can see, too, right out into the shire with its heavy elm trees; and there to the right, a little way across the meadows, he sees Eton College, its dark brick towers and battlements. If he had very good eyesight he might even see me, a speck, as, yawning and shutting up my book, I come to the window and lean out to enjoy the panorama which also contains him, keeping guard in scarlet among grey battlements.—From "A Nineteenth Century Childhood," by MARY McCARTHY.

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Intercollegiate, Club and Professional Athletic News of the World

FRANK WARD FACES SUMMERS

Meet in Third Round of Professional Squash Racquets

Special from Monitor Bureau

NEW YORK, Jan 7—Frank Ward, United States professional champion at squash tennis, will encounter John L. Summers of Boston, United States professional champion at squash racquets, in the principal match today of the annual squash racquets professional championship, held this year at the Down-Town Athletic Club, New York.

The tournament got under way promptly and completed the first and second rounds, reducing the 30 entrants to eight before the close of play for the day. Summers had a bye, and took his second-round match from John O'Donnell, the local professional of the Down-Town Athletic Club, rather easily. Ward was also an easy victor, though he is far better known as the coach at squash tennis of the City Athletic Club. He played two matches, being carried to five games by James Tully of the Merion Cricket Club, Philadelphia, in the first, but defeating Lester Cummings of Albany, a member of the famous squash family, in straight games.

Three of the seeded players dropped out of the play yesterday. Leif Nordlie, the smiling young Scandinavian of the swimming club of Ardsley, won his way over Stephen Gregor of the River Club, after he had previously put out Thomas Iannicelli, of the Essex Club of Newark, also better known for squash tennis. Gregor had been listed third.

PROFESSIONAL SQUASH RACQUETS CHAMPIONSHIP

First Round

Frank Ward, New York, defeated James Tully, Philadelphia, 15—10, 11—15, 10—15, 17—14, 15—12.

Lester Cummings, Albany, N. Y., defeated E. S. Hurlston, Tuxedo, N. Y., 15—5, 15—5, 15—7.

Leif Nordley, Ardsley, N. Y., defeated Tom Iannicelli, Newark, 5—15, 15—12, 15—9, 17—14.

Tobey Hansen, New York, defeated F. A. Gannon, Tuxedo, 15—3, 15—11, 15—5.

Harold Moore, Montclair, N. J., defeated Peter Smith, New York, 10—15, 18—14, 15—12, 15—10.

Ben Pope, Pittsburgh, defeated J. Doherty, Philadelphia, 15—11, 15—10, 15—11.

Steve Gregor, New York, defeated Walter Knoor, New York, 15—13, 15—12, 18—17.

Walter Kinsella, New York, defeated John Tully, Philadelphia, 15—10, 11—15, 15—11, 17—14.

Dan Martella, Wilmington, defeated H. S. MacGrath, New York, 15—7, 15—10, 15—6.

E. S. Patten, Boston, defeated S. Hansen, New York, 15—12, 13—15, 15—17, 15—7, 15—12.

T. Plower, New York, won by default from George Cummings, New York.

J. B. MacGuire, New York, defeated Vincent Ghezzi, Rumson, N. J., 15—17, 15—10, 12—15, 15—5, 15—5.

SECOND ROUND

John L. Summers, M. I. T., defeated John O'Donnell, New York, 15—9, 15—10, 15—13.

Ward defeated Lester Cummings, 15—11, 16—13.

Nordley defeated Gregor, 11—15, 12—15, 15—10, 15—6, 15—8.

Tobey Hansen defeated Moore 16—18, 15—10, 15—11, 15—11.

Pope defeated Kinsella, 15—6, 12—15, 15—9, 15—9.

Martella defeated Patten, 15—8, 15—12, 15—7.

MacGuire won by default from Plower.

Allen Cummings, Greenwich, Conn. defeated James Reid, New York, 17—14, 15—2, 12—15, 15—12.

Springfield And Bronx Tigers Win

CANADIAN-AMERICAN HOCKEY LEAGUE STANDING

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Philadelphia	8	3	5	36	30	19
Bronx	7	4	6	37	37	18
Boston	7	2	7	43	46	16
New Haven	7	2	9	38	27	16
Providence	6	3	5	42	44	15
Springfield	6	2	9	34	46	14

RESULTS JAN. 6

Bronx 5, Boston 3.
Springfield 3, Philadelphia 2, overtime.

Special to The Christian Science Monitor

PHILADELPHIA, Jan. 7—Springfield snapped the long winning streak of Philadelphia in a stirring Canadian-American Hockey League match at the Arena here last night by beating the Arrows in an overtime match, 3 to 2. The Arrows had won six straight games before facing the Indians. Another big crowd of 4600 saw the match.

SPRINGFIELD — PHILADELPHIA

Heximer, Jarvis, lw
rw, Buckles, Lowrey, Coulter
Lyon, Maracle, Grant, c
c, Andrews, Anderson, King
Starr, McAdam, rw lw, Hudson, Filkin, King
Callighen, Benson, ld rd, McCaffrey, Coulter
Heller, Benson, rd....ld, Nichols
Stone, g....g, Murray

Score—Springfield 3, Philadelphia 2. Goals—Heller, Jarvis and Starr for Springfield; Coulter and Buckles for Philadelphia. Assists—Grant and Heximer for Springfield; Hudson for Philadelphia. Referees—F. A. Synnott and E. M. Davin. Time—Three 20m. periods and 10m. overtime.

Special from Monitor Bureau

NEW YORK, Jan. 7—Bronx Tigers defeated the Boston Bruin Cubs for the first time last night at the Coliseum in their Canadian-American Hockey League series. The score was 5 to 3, and the game was very rough.

BRONX TIGERS — BRUIN CUBS

Bourgeault, Chouinard, Whittles, lw
rw, Boyd, Runge, Hutton
Grosvenor, Pettinger, Boucher, c
c, F. Jerwa, Boyd, Conn, Creighton
Asmundson, Jenkins, Picketts, rw
lw, Klein, Sutherland
Arnott, Bourgeault, Regan, ld rd, Pratt, Lane
Regan, Pringle, rd
ld, J. Jerwa, Lane, McGoldrick
Aitkenhead, g....g, Cude

Score—Tigers 5, Cubs 3. Goals—Grosvenor 2, Bourgeault 2, Asmundson for Tigers; Boyd, Klein, Conn for Cubs. Assists—Pringle 2, Bourgeault for Tigers; Runge, Boyd for Cubs. Referees—A. C. Jacobs and W. J. Stewart. Time—Three 20m. periods.

College Basketball Results

Amherst 36, Clark 22.
Annapolis 30, F. & M. 25.
Ball State Teachers 32, Centenary 19.
Canisus 39, Toronto 27.
Carnegie Tech 50, W. and J. 22.
Colgate 30, Cornell 25.
Dartmouth 37, Lowell T. S. 24.
De Pauw 32, Ohio Wesleyan 23.
Davis & Elkins 37, Loyola 25.
Geo. Washington 39, Quantico 27.
Kansas 34, Colorado 25.
Mississippi College 56, Howard 25.
North Carolina 49, Guilford 23.
Oklahoma 30, Oklahoma Aggies 16.
Pennsylvania 29, Dickinson 16.
Princeton 35, Columbia 32.
Superior Normal 38, Concordia 33.
Syracuse 20, Rutgers 19.
Vanderbilt 38, Middle Tennessee T. 32.
Virginia 33, William & Mary 32.
West Point 36, McGill 18.

UNITED STATES SPORTING CHAMPIONS FOR 1931

Archery

Men....Russell Hoogerhyde, Coldwater, Mich.
Women
Mrs. H. S. C. Cummings, Newton Center
Intermediate
E. S. Hodgden Jr., East St. Louis, Ill.
Boys....Wycoff Schomp, Walden, N. Y.
Girls..Madeline Taylor, Newton Center
Team....Greenwich (A. L. Brush, D. C. MacKenzie, Dorothy Duggan, Eversley Childs)
Women's team....Buffalo (Mrs. G. E. McClure, Gertrude Rosch, Bertha C. Schwenger, Elsie Mache)

Athletics

A. A. U., senior team...Los Angeles A. C.
A. A. U., junior team...Los Angeles A. C.
A. A. U., senior team, indoor
Illinois A. C.
A. A. U., women's team..Illinois W. A. C.
A. A. U., women's team, indoor
Medford (Mass.) Girls Club
I. C. A. A. A. A....Southern California
I. C. A. A. A. A., indoor....Pennsylvania
Western Conference....Wisconsin
Western Conference, indoor...Michigan
New England I. A. A....New Hampshire
"Big Six" Conference....Kansas
"Big Six" Conference, indoor...Nebraska
Missouri Valley Conference....Drake
Missouri Valley Conference, indoor.Drake
Pacific Coast Conference (Southern Division)....Southern California
Pacific Coast Conference (Northern Division)....Washington
Southern Conference....Tulane
Southern Conference, indoor
North Carolina
Southern I. A. A....Loyola, New Orleans
National Collegiate.Southern California
Southwest Conference....Rice
Y. M. C. A., indoor
Adams Avenue, Detroit
National Interscholastic
Highland Park, Ill.

A. A. U. INDIVIDUAL

100-yard dash....Frank C. Wykoff, Los Angeles A. C.
220-yard dash....T. E. Tolan Jr., University of Michigan
440-yard dash....Victor E. Williams, Los Angeles A. C.
880-yard run....Edward B. Genung Jr., Washington A. C.
One-mile run..Leo Lermond, New York
Six-mile run....Louis Gregory, Newark, N. J.
Two-mile steeplechase
Joseph P. McCluskey, Fordham Univ.
120-yard high hurdles...Percy M. Beard, New York A. C.
220-yard low hurdles....Robert Maxwell, Los Angeles A. C.
440-yard low hurdles....Victor Burke, New York A. C.
10-mile run....William C. Zepp, Dorchester Club
15-mile run....William A. Agee, Stonewall Democratic Club, Baltimore
20-mile run...Fred Ward, Millrose A. A.
Three-mile walk....Harry Hinkle, Los Angeles A. C.
Seven-mile walk....Henry Cieman, Toronto Central Y. M. C. A.
50,000-meter walk....H. L. Clark, Dorchester Club
Running high jump....Anton B. Burg, Illinois A. C.
Running broad jump...Alfred H. Bates, Meadowbrook Club
Running hop, step and jump
Robert Kelly, Olympic Club
Pole vault....Jack Wool, Olympic Club
16-pound shotput....H. H. Brix, Los Angeles A. C.
16-pound hammer throw.E. F. Flanagan, Boston A. A.
56-pound weight....Leo Sexton, New York A. C.
Discus throw....Paul B. Jessup, Washington A. C.
Javelin throw....James De Mers, Los Angeles A. C.
Decathlon....Jesse P. Mortensen, Los Angeles A. C.
Pentathlon....James A. Bausch, Kansas City A. C.
Marathon....William A. Agee, Stonewall Democratic Club, Baltimore
A. A. U. relays team...Los Angeles A. C.
440-yard relay....Los Angeles A. C. (Henry Taylor, Kenneth Robinson, Ray Alf, F. C. Wykoff)
880-yard relay....Los Angeles A. C. (Henry Taylor, Kenneth Robinson, Ray Alf, F. C. Wykoff)
One-mile relay....Los Angeles A. C. (Claire McKennon, Riley Williamson, Arthur Woessner, V. E. Williams)
Two-mile relay....New York A. C. (Victor Burke, Frank Nordell, Frank Crawley, Otto Rosner)
Four-mile relay....New York A. C. (G. H. Bullwinkle, Frank Nordell, Otto Rosner, Frank Crawley)
Shuttle hurdle relay...Los Angeles A. C. (Richard Pomeroy, Robert Maxwell, James Meeks, Wendall Smith)

A. A. U., INDOOR, INDIVIDUAL

60-yard dash.Ira Singer, New York, N. Y.
300-yard dash....W. A. Carr, University of Pennsylvania
600-yard run....Philip Edwards, Hamilton Olympic Club
1000-yard run....Ray M. Conger, Illinois A. C.
Two-mile run....Leo Lermond, Boston
70-yard hurdles....Percy M. Beard, Auburn, Ala.
One-mile walk....William Carlson, New York, N. Y.
1½-miles medley relay
University of Pennsylvania (J. D. Steele, H. A. Jones, J. C. Healey, C. A. Coan)
Running high jump....Anton B. Burg, Illinois A. C.
Pole vault....Fred H. Sturdy, Los Angeles A. C.
16-pound shotput....Leo Sexton, New York A. C.
Standing broad jump...William Werner, Greenwood T. C., New York
Standing high jump..Harold M. Osborn, Illinois A. C.
Two-mile steeplechase....Hans Assert, Deutscher Sports Club, New York

A. A. U., WOMEN, INDIVIDUAL

50-yard dash....Alice Monk, Newark W. A. C.
100-yard dash....Eleanor Egg, Duffy League, Paterson
220-yard dash....Stella M. Walsh, N. Y. Central A. A., Cleveland
80-meter hurdles....Mildred Didrikson, Employers C. C. A. A., Dallas
440-yard relay....Illinois Women's A. C. (Evelyn Hall, Nellie Todd, Ethel Harrington, Annette Rogers)
Running high jump....Jean Shiley, Meadow Brook Club
Running broad jump.Mildred Didrikson, Employers C. C. A. A., Dallas
8-pound shotput....Lillian Copeland, Los Angeles A. C.
Baseball throw....Mildred Didrikson, Employers C. C. A. A., Dallas
Discus throw....Evelyn Ferrara, Illinois W. A. C.
Throwing javelin....Lillian Copeland, Los Angeles A. C.

A. A. U., WOMEN, INDIVIDUAL, INDOOR

40-yard dash....Mary L. Carew, Medford G. C.
200-yard dash....Stella M. Walsh, N. Y. C. R. R., Cleveland, Ohio
50-yard hurdles..Mrs. Evelyne R. Hall, Illinois Women's A. C.
Standing broad jump
Katherine R. Mearls, Medford G. C.
Running high jump....Jean Shiley, Meadow Brook Club
8-pound shotput....Rena J. McDonald, Boston
440-yard relay....Millrose A. A. (Louise C. Washburn, Jennie Stanczuk, Carrie Jensen, Loretta McNeil)
Basketball throw....Carolyn Dieckman, So. Paterson G. C.

Automobiles

Speedway championship
Louis Schneider, Indianapolis
500-mile sweepstakes
Louis Schneider, Indianapolis

Baseball

American....Philadelphia
National....St. Louis
World Series....St. Louis
National League Batsman
Charles J. Hafey, St. Louis
American League Batsman
A. H. Simmons, Philadelphia
National Baseball Federation
Cleveland Fisher Foods
Eastern Intercollegiate....Pennsylvania
Western Conference....Illinois

Baseball—Continued

"Big Six" Conference
Missouri-Oklahoma
Pacific Coast Conference (Northern)
Washington
California Intercollegiate....Stanford
Southern Conference....Alabama P. I.
Southwest Conference
Texas A. and M. College

Basketball

A. A. U....Henry Clothiers A. A., Wichita, Kan.
A. A. U., women's
Employers' Casualty Co. A. A., Dallas, Texas
Eastern Intercollegiate....Columbia
Leading individual scorer
Louis Bender, Columbia
Western Conference....Northwestern
Leading individual scorer. Joseph Reiff, Northwestern
Southern Conference....Maryland
Southern I. A. A....Centenary
"Big Six" Conference....Kansas
Leading individual scorer
R. C. Roadcap, Iowa State
Rocky Mountain Conference....Utah
Leading individual scorer
Elwood S. Romney, Brigham Young
Southwest Conference..Texas Christian
Leading individual scorer
Adolph Dietzel, Texas Christian
Missouri Valley Conference
Creighton, Washington, Oklahoma A. and M. C.
Leading individual scorer
Maurice Van Ackeren, Creighton
Pacific Coast Conference....Washington
Leading individual scorer, Northern Division....H. S. Gordon, Washington State
Leading individual scorer, Southern Division....J. N. Read, California
Y. M. C. A....Detroit

Billiards

18.2 balkline, amateur....P. N. Collins, Chicago
Eastern..E. T. Appleby, New York City
Pacific coast..D. H. Goslin, Los Angeles
Pacific northwest....Cecil Olaguer, Portland, Ore.
Pacific southwest....D. H. Goslin, Los Angeles
Southern...R. S. Tate, Nashville, Tenn.
Southwestern.H. T. Galey, Tulsa, Okla.
Rocky Mountain....E. W. Chenoweth, Salt Lake City
Western..R. V. Fessenden, Madison, Wis.
18.2 balkline, professional
Jacob Schaefer, San Francisco, Calif.
Three-cushion, amateur. F. I. Fleming, Champaign, Ill.
New England....Ervin D. Tucker, Dedham, Mass.
Pacific coast.Joseph Hall, San Francisco
Pacific northwest....Paul Linkenbrink, Seattle, Wash.
Pacific southwest....Joseph Hall, San Francisco
Southern....H. N. Purdy, Atlanta, Ga.
Southwestern....A. N. Clesi, Beaumont, Tex.
Rocky Mountain....O. W. Bradshaw, Salt Lake City
Western....F. I. Fleming
Three-cushion, professional
A. J. Thurnblad, Chicago
Pocket, professional
E. Ralph Greenleaf, New York
Pocket, junior amateur
Arthur Cranfield, Syracuse

Bobsleigh Racing

United States two-man
Lake Placid A. A. (J. H. Stevens, Arthur Adams)
United States four-man
Saranac Lake S. A. (H. A. Homberger, E. S. Horton, Paul Stevens, P. D. Bryant)

Bowling (A. B. C.)

Singles....Walter A. Clack, Erie
Doubles.C. A. Reilly and E. C. Rafferty, Philadelphia
All-events.Michael Mauser, Youngstown
Five-man team.S. & L. Motors, Chicago

Women's I. B. C.

Women's singles....Myrtle Schulte, St. Louis
Women's doubles
Zetta Baker and G. Pomeroy, Detroit
Women's all-events....Myrtle Schulte, St. Louis
Five-woman team....Alberti Jewelers, Chicago

Canoeing

One-man singles....Charles Robinson, Pendleton C.C.
One-man doubles....Ernest Riedel, Pendleton C.C.
Tandem doubles
Harry Knight and Harry Rothrock, Washington C. C.
Four, singles....Pendleton Canoe Club
Four, doubles....Pendleton Canoe Club
National, team....Pendleton Canoe Club

Checkers

A. C. A. tournament....Nathan Rubin, Detroit

Chess

H-Y-P-D League....Princeton
Intercollegiate
College of the City of New York
Intercollegiate individual
Martin C. Stark, Harvard
Professional....Frank J. Marshall, New York

Court Tennis

Singles....William C. Wright Jr., Philadelphia
Doubles.Jay Gould and W. C. Wright Jr., Philadelphia
Professional..Pierre Etchebaster, France

Cricket

U. S. Cricket Association
Westchester C. C.
Metropolitan District Cricket League
Westchester C. C.

Cross-Country

A. A. U., senior...Clark S. Chamberlain, Michigan State College
A. A. U., senior team.Indiana University
A. A. U., junior..Paul Kanaly, Boston
A. A. U., junior team....Nativity Club, Philadelphia
Intercollegiate, individual
Daniel E. Dean, Pennsylvania
Intercollegiate, team....Harvard
N. E. Intercollegiate A. A., individual
Norman E. Whitten, Bates
N. E. Intercollegiate A. A., team
New Hampshire
Western Conference, individual
Henry A. Brocksmith, Indiana
Western Conference, team....Indiana
Southern Conference, individual
C. A. Jensen, North Carolina
Southern Conference....North Carolina
Southwest Conference, individual
Adolph C. Schiller, Texas
Southwest Conference....Texas

Cycling

Professional sprinting....Cecil Walker, Australia
Professional motor-paced
Charles Jaeger, Newark, N. J.
Amateur, track..Arthur Rose, New York

Fencing

Foils, individual
Lieut. George C. Calnan, U. S. Navy
Foils, team....Fencers Club of N. Y. (Lieut. G. C. Calnan, Hugo Alessandroni, Darnell Every)
Foils, junior....Miguel A. de Capriles, University F. C., New York
Foils, junior team..New York University (Jose R. de Capriles, Albert I. DiGiacinto and Gilbert Weil)
Foils, novice....Melvin H. Zimet, New York University
Épée....Miguel A. de Capriles, University Fencers
Épée, team....University Fencers Club (Miguel A. de Capriles, Jose R. de Capriles, Max Kapner)
Épée, junior...George W. Thompson Jr., Yale
Épée, junior team....Yale University (G. W. Thompson Jr., A. H. Busby and J. R. Lucas)
Épée, outdoor....Lieut George C. Calnan, U. S. Navy
Saber..John R. Huffman, New York A. C.
Saber, team....New York A. C. (Leo Nunes, Bela de Nagy, John R. Huffman)
Saber, junior....Haakon G. Gulbransen, Columbia
Saber, junior team.Salle de Armes Vince
Saber, outdoor....Peter W. Bruder, Salle de Armes Vince, New York
Three weapons....John R. Huffman, New York A. C.
Three weapons, team
Salle de Armes Vince (J. E. Barmack, P. W. Bruder, G. I. Cetrulo)
Women's, foils....Marion Lloyd, Salle de Armes Vince, New York
Women's, team, foils
Salle de Armes Vince (Marion Lloyd, Dorpthy Locke, Muriel Guggols)

Fencing—Continued

Women's, junior....Julia Jones, New York University
Intercollegiate, foils.John F. Potter, Yale
Intercollegiate, team, foils....Harvard
Intercollegiate, saber
H. G. Gulbransen, Columbia
Intercollegiate, team, saber....Columbia
Intercollegiate, épée....G. M. Heiss, U. S. Military Academy
Intercollegiate, team, épée
U. S. Military Academy (G. M. Heiss and M. O. Edwards)
Intercollegiate, three-weapon
U. S. Military Academy
Interscholastic, foils....Hugo Castello, New York
Intercollegiate, women's, team
New York University (Julia Jones, Dorothy Hafner and Marion Appell)
Intercollegiate, women's, individual
Elizabeth E. Ross, Cornell
Western Conference, individual foils
F. W. Siebert, Illinois
Western Conference, dueling swords
P. A. Wheeler, Illinois
Western Conference, sabers
P. F. Schlicher, Illinois
Western Conference, team....Illinois

Football

Western Conference
Northwestern, Michigan, Purdue
"Big Six" Conference....Nebraska
Pacific Coast Conference
Southern California
Southern Conference....Tulane
Southern I. A. A....Chattanooga
Southwest Conference
Southern Methodist
Rocky Mountain Conference....Utah
Missouri Valley Conference....Drake
Tournament of Roses....Alabama
East vs. West, all-stars....West

Golf

Open....Billy Burke, Round Hill Club
Amateur....Francis D. Ouimet, Woodland Golf Club
Women's....Helen L. Hicks, Inwood Country Club
Professional..Tom Creavy, Albany, N. Y.
Public links....Charles Ferrara, San Francisco
Western amateur....Don K. Moe, Portland, Ore.
Western women's....Mrs. Opal S. Hill, Meadow Lake C. C.
Western open....Ed. Dudley, Concordville, Penna.
Southern amateur....Chasteen Harris, Memphis
Southern women's.Mrs. Marion T. Lake, New Orleans
Women's eastern....Helen L. Hicks, Inwood Country Club
Griscom Cup....Philadelphia
Leslie Cup....Massachusetts
Senior....John D. Chapman, Greenwich C. C.
Senior women's...Mrs. Leila C. DuBois, Wee Burn Club, Inc.
Intercollegiate, individual
G. T. Dunlap Jr., Princeton
Intercollegiate, team....Yale
Eastern Intercollegiate, team....Yale
Western Conference, individual
R. B. Martin, Illinois
Western Conference....Illinois
Pacific Coast Conference....Oregon
Pacific Coast Conference, individual
Malcolm McNaughton, Stanford
Southern Conference, individual
A. J. Wheeler, Vanderbilt
Southern Conference, team....Tulane
Southwest Conference
Southern Methodist

Gymnastics

A. A. U., all-round....Frank Haubold, Swiss Turnverein, Union City, N. J.
A. A. U., team
Swiss Turnverein, Union City, N. J.
Women's all-around..Roberta C. Ranck, Philadelphia Turngemeinde
Eastern intercollegiate, individual
Herman Witzig, New York University
Eastern intercollegiate, team
U. S. Naval Academy
Western Conference, individual
E. C. Olson, Chicago
Western Conference, team....Chicago
Pacific Coast Conference
California at Los Angeles

Handball

Four-wall, soft-ball singles
Alfred R. Banuet, Olympic Club, San Francisco
Four-wall, soft-ball doubles
Joseph Bathey and Herman W. Dworman, Cadillac A. C., Detroit
Four-wall, hard-ball singles..Eric Peet, Brooklyn Central Y. M. C. A.
Four-wall, hard-ball doubles
M. Fitzgibbon and G. Morabit, Brooklyn Central Y. M. C. A.
One-wall, soft-ball singles
Seymour Alexander, Trinity Club, Brooklyn
One-wall, soft-ball doubles
A. Aiello and J. Seaman, Trinity Club, Brooklyn
Y. M. C. A., singles.Samuel A. Atcheson, Memphis, Tenn.
Y. M. C. A., doubles
Samuel A. Atcheson and Samuel Johnston, Memphis, Tenn.

Hockey

Eastern college....Yale
Eastern amateur club...University Club
A. A. U....Crescent A. C.
Western Conference....Michigan
American League....Tulsa
National League....Canadiens
International League....Windsor
Canadian-American League..Springfield
Pacific Coast....Vancouver
California....Oakland Sheiks

Horseshoe Pitching

Men's, amateur....John Colao, Chicago
Men's, doubles
John Colao and Otto Pullner, Chicago

Lacrosse

Intercollegiate....St. John's, Annapolis
Middle Atlantic L. L....Swarthmore

Lawn Bowling

National rink.Boston Lawn Bowling Club
Metropolitan team..Van Cortlandt Club
Metropolitan individual..Samuel Craig, Essex (N. J.) C. C.

Pistol

National, individual
Sergt. John Carlson, U. S. Infantry
National, team....U. S. Cavalry

Pony Polo

Open....Santa Paula, Argentina
Open, indoor..The Optimists, New York
Class A, indoor....Yale University
Pacific Coast....Midwick C. C.
Junior....Roslyn
Intercollegiate, outdoor
U. S. Military Academy
Intercollegiate, indoor....Yale
Western Conference....Ohio State

Powerboat

Gold Cup....Hotsy Totsy, V. W. Kliesrath and R. F. Hoyt, New York
President's Cup....El Lagarto, George Reis, Lake George
Albany-New York Outboards
Wade S. Woodworth, Northwestern University
Eastern intercollegiate, outboards
Dartmouth
Eastern intercollegiate, outboards, individual..John K. Hamel, Dartmouth
Midwestern intercollegiate, outboards
Wade S. Woodworth, Northwestern
Pacific coast intercollegiate, outboards
Robert Modisette, Pasadena Technology

Racquets

Singles....Clarence C. Pell, New York
Doubles
Clarence C. Pell and Stanley G. Mortimer, New York
Gold Racquet....Stanley G. Mortimer, Tuxedo

Rifle Shooting

National champion
1st Lieut. E. F. Sloan, 7th Infantry
National team....U. S. Marine Corps
Intercollegiate, indoor
U. S. Naval Academy
Western Conference....Iowa
Police, team....Los Angeles
Police, individual....R. J. Nowka, Los Angeles

Roque

National....Kenneth Moore, New Paris, Ohio

Rowing

Intercollegiate....U. S. Naval Academy
Pacific Coast Conference....Washington
Harvard-Yale....Harvard
Amateur singles....William Miller, Bachelors B. C.

Rowing—Continued

Association singles....E. J. McGreal, Bachelors B. C.
Senior doubles
Kenneth Myers and W. E. Garrett-Gilmore, Bachelors B. C.
Senior fours
Walter Scheel, J. J. Byrne, Charles Karle, Arthur Divine, Bachelors B. C.
Senior eights....Penn A. C.
Club championship....Bachelors B. C.

Skating (Figure)

Men's...Roger F. Turner, Milton, Mass.
Men's junior
Joseph K. Savage, New York
Women's....Maribel Y. Vinson, Winchester, Mass.
Women's junior....Margaret Bennett, Minneapolis, Minn.
Pair skating
Beatrix Loughran and Sherwin C. Badger, New York
Pair skating, junior
Nancy Follett, Quincy, Mass., and Ashton Parmenter, Brockton, Mass.
Dance championship
Mrs. C. B. Blanchard and N. W. Niles, Boston S. C.
Waltz championship
Mrs. D. F. Secord and Ferrier Martin, New York

Skating (Speed)

United States amateur....Frank Stack, Chicago
North American amateur
Ross L. Robinson, Toronto
North American, indoor....Frank Stack, Chicago
North American, women's, indoor
Elsie Mueller, New York

Skiing

National jumping....Casper Oimoen, Canton, S. D.
National professional....Alf Engen, Salt Lake City
Intercollegiate jumping
Jacques E. Landry, Ottawa University
National cross-country..Magnus Satre, Norway

Soccer Football

National....New York Yankees
National, amateur..Goodyear Wingfoot, Akron, Ohio
Intercollegiate....Pennsylvania
Western Conference....Illinois

Squash Handball

Amateur singles....Robert Ackley, Jonathan Club, Los Angeles
Amateur doubles
Mort Kline and Fred Keller, University Club, Los Angeles

Squash Racquets

Amateur....J. L. Pool, Harvard Club of New York
Professional..John L. Summers, Boston
Team....Harvard University
Lockett Trophy....New York
Metropolitan Class A team
New York Racquet and Tennis Club
Women....Ruth Hall, Philadelphia
Women's team....Philadelphia
Intercollegiate..Beekman Pool, Harvard
Western....T. S. Tinsman, University Club, Kansas City

Squash Tennis

Amateur.Harry F. Wolf, New York A. C.
Amateur, Class B.Frank R. Hanson Jr., Columbia U. C., New York
Amateur, Class C....Crosby A. Allison, Crescent A. C.
Open....Frank Ward, New York
Veteran....H. R. Mixsell, New York

Swimming

A. A. U. team....Hollywood A. C.
A. A. U. team, indoor....Hollywood A. C.
A. A. U. long-distance team
New York A. C.
Women's team, outdoor
Women's S. A. of New York
Women's team, indoor
Women's S. A. of New York
Intercollegiate....Yale
Western Conference....Michigan
"Big Six" Conference....Iowa State
Southern Conference....Georgia Tech
M. V. Conference....Washington
National Collegiate A. A....Michigan
Pacific Coast Conference....Stanford
Y. M. C. A....Hollywood, Calif.
Y. M. C. A., indoor....Central Branch, Toronto

A. A. U., INDIVIDUAL

100-meter freestyle....Manuella Kalili, Hollywood A. C.
440-yard freestyle....C. L. Crabbe, Los Angeles A. C.
880-yard freestyle....C. L. Crabbe, Los Angeles A. C.
One-mile freestyle....C. L. Crabbe, Los Angeles A. C.
220-yard backstroke....Maiola Kalili, Hollywood A. C.
440-yard breaststroke....Donald Horn, Lake Shore A. C.
300-meter medley....C. L. Crabbe, Los Angeles A. C.
880-yard freestyle relay.Hollywood A. C. (Austin R. Clapp, Maiola Kalili, Frank Booth, Manuella Kalili)
Long distance....Edward Lee, New York A. C.
10-foot springboard diving.E. H. Smith, Los Angeles A. C.
High diving, platform...Farid Samaika, Hollywood A. C.

A. A. U., INDIVIDUAL, INDOOR

100-yard freestyle....A. H. Schwartz, Illinois A. C.
220-yard freestyle....A. H. Schwartz, Illinois A. C.
500-yard freestyle....A. R. Clapp, Hollywood A. C.
150-yard backstroke....Walter Laufer, Lake Shore A. C.
220-yard breaststroke..Leonard Spence, New York A. C.
300-yard individual medley.C. L. Crabbe, University of Southern California
400-yard freestyle relay..New York A. C. (John Howland Jr., Ogden Dalrymple, G. R. Fissler, Walter Spence)
300-yard medley relay.Lake Shore A. C. (R. L. Hinch, Donald Horn, Walter Laufer)
Low springboard diving..M. J. Galitzen, University of Southern California
High springboard diving.M. J. Galitzen, University of Southern California

A. A. U., WOMEN'S INDIVIDUAL

100-meter freestyle....Helene Madison, Washington A. C., Seattle
440-yard freestyle....Helene Madison, Washington A. C., Seattle
880-yard freestyle....Helene Madison, Washington A. C., Seattle
One mile....Helene Madison, Washington A. C., Seattle
220-yard backstroke..Eleanor M. Holm, W. S. A. of N. Y.
220-yard breaststroke.Katherine Rawls, Hollywood, Fla.
300-meter medley....Katherine Rawls, Hollywood, Fla.
880-yard club relay...Los Angeles A. C. (Marjorie Lowe, Jennie Cramer, Norene Forbes, Josephine McKim)
Fancy diving, 10-foot springboard
Georgia Coleman, Los Angeles A. C.
Fancy diving, high platform
Georgia Coleman, Los Angeles A. C.
Long distance....Eva Bein, W. S. A. of N. Y.

A. A. U., WOMEN'S, INDIVIDUAL INDOOR

100-yard freestyle....Helene Madison, Washington A. C., Seattle
220-yard freestyle....Helene Madison, Washington A. C., Seattle
500-yard freestyle....Helene Madison, Washington A. C., Seattle
300-yard medley....Eleanor M. Holm, W. S. A. of N. Y.
100-yard backstroke..Eleanor M. Holm, W. S. A. of N. Y.
100-yard breaststroke
Margaret P. Hoffman, Scranton S. A.
400-yard relay.Washington (Seattle) A. C. (Lucy Schacht, Edna McKibbin, Dawn Gilson, Helene Madison)
300-yard medley relay
Women's S. A. of N. Y.
Low springboard diving
Georgia Coleman, Los Angeles A. C.
10-foot springboard diving
Georgia Coleman, Los Angeles A. C.

Tennis

Singles....H. Ellsworth Vines Jr., Pasadena, Calif.
Doubles
J. W. Van Ryn, Philadelphia, and W. L. Allison Jr., Austin
Clay court singles
H. Ellsworth Vines Jr., Pasadena, Calif.
Clay court doubles
H. Ellsworth Vines Jr. and Keith E. Gledhill

Tennis—Continued

Mixed doubles
Betty Nuthall, England, and George M. Lott Jr., Philadelphia
Singles, indoor....Jean Borotra, Biarritz, France
Doubles, indoor
Jean Borotra and Christian Boussus, France
Mixed doubles, indoor
Sarah H. Palfrey, Brookline, and Lawrence E. Rice, Newton
Public parks singles.George J. Jennings, Chicago
Public parks doubles
George J. Jennings and G. M. Braudt, Chicago
Public parks women's singles
Mary E. McHale, Dallas
Public parks women's doubles
Mary E. McHale and Charlotte McQuiston, Dallas
Women's singles
Mrs. Frederick S. Moody Jr., San Francisco
Women's doubles
Mrs. E. Fearnley-Whittingstall and Betty Nuthall, England
Women's singles, indoor
Marjory L. Sachs, Cambridge
Women's doubles, indoor
Mrs. G. W. Wightman and Sarah H. Palfrey, Brookline
Veteran singles....Frederick C. Baggs, New York
Veteran doubles
Dr. William Rosenbaum and Frederick C. Baggs, New York
Father and son
J. D. E. Jones and Arnold W. Jones, Providence
United States Army
Lieut. Stanley K. Robinson, Rockwell Field, Calif.
United States Army, doubles
Lieut. Stanley K. Robinson and Lieut. John N. Stone, Rockwell Field.
Professional....W. T. Tilden 2d, Philadelphia
Professional doubles
Vincent Richards and Howard O. Kinsey
Church Cup....New York
Sears Cup....New England
Junior singles..Jack Lynch, Taft, Calif.
Junior doubles
Kendall Cram, Nashville, and J. L. Beaver, Gainesville
Boys' singles.Frank Parker, Milwaukee
Boys' doubles
Gene Mako and Ned Russell, Hollywood, Calif.
Junior singles, indoor....Marcus Hecht, DeWitt Clinton H. S., New York
Junior doubles, indoor
K. H. Cram, Nashville, Tenn., and F. M. Shore, Washington, D. C.
Boys' singles, indoor....P. W. Osborne, Tenafly (N. J.) High School
Boys' doubles, indoor
Joseph Abrams, New York, and N. J. Freudenheim, Mount Vernon, N. Y.
Girls' singles....Katherine Winthrop, Boston
Girls' doubles
Hilda and Helen M. Boehm, Malden, Mass.
Leech Cup....U. S. Navy
Girls' singles, indoor
Katharine Winthrop, Boston
Girls' doubles, indoor
Helen M. and Hilda Boehm, Malden
Girls' hard court....Alice I. Marble, San Francisco
Girls' hard court doubles
Gracyn Wheeler, Santa Monica, and Katherine Wood, Fullerton
Intercollegiate singles.Keith E. Gledhill, Stanford
Intercollegiate doubles
Bruce P. Barnes and Walter F. Thomas, Texas
Intercollegiate singles, indoor
R. W. Ryan, Yale
Intercollegiate doubles, indoor
R. W. Ryan and W. R. Bascom, Yale
Team, indoor....Yale
Women's intercollegiate singles
Mary Greef, So. California
Women's intercollegiate doubles
Mary Greef, So. California, and Charlotte L. Miller, California
"Big Six" Conference, singles
W. F. Coen Jr., Kansas
"Big Six" Conference, doubles
W. F. Coen Jr. and Leonard Prosser, Kansas
Missouri Valley Conference, singles
John Tatom, Grinnell
Missouri Valley Conference, doubles
Frank D. Brody and Erling Jensen, Drake
Pacific Coast, men's singles
H. Ellsworth Vines Jr., Pasadena
Pacific Coast, men's doubles
Sidney B. Wood Jr., Forest Hills, and Lester R. Stoefen, Los Angeles
Pacific Coast, women's singles
Edith A. Cross, San Francisco
Pacific Coast, women's doubles
Edith A. Cross, San Francisco, and Mrs. Lawrence A. Harper, Oakland
N. E. intercollegiate singles
Albert Horton 3d, Williams
N. E. intercollegiate doubles
John E. Richardson and Kingsley R. Fall, Dartmouth
Western Conference, singles
Scott Rexinger, Chicago
Western Conference, doubles
Scott Rexinger and Herbert Heyman, Chicago
Southern Conference, singles
Clayton L. Burwell, South
Southern Conference, doubles
E. D. Yeomans and H. H. Hendlin, North Carolina
Pacific Coast Conference, singles
Keith Gledhill-Theodore Easton, Stanford
Pacific Coast Conference, doubles
Keith Gledhill and Theodore Easton, Stanford
Southwest Conference....Texas
Northwestern Conference....Washington

Trap Shooting

Amateur...S. M. Crothers, Hill, Penna.
Professional....Clyde Mitchell, Columbus, Ohio
Grand American
Rev. Garrison Roebuck, McClure, Ohio
N. A. clay target....Karl Maust, Detroit
N. A. doubles targets....Gus Payne, Oklahoma City
Women's N. A. clay target
Jeanette Jay, Waverly, Iowa
Women's doubles targets
Alice Crothers, Chestnut Hill, Penna.

Volley Ball

Y. M. C. A....San Antonio, Texas

Water Polo

Eastern Intercollegiate
Annapolis-Dartmouth-Pennsylvania
Western Conference
Northwestern-Illinois
A. A. U., indoor....New York A. C.
A. A. U., outdoor....New York A. C.

Winter Sports

Harding Trophy....Dartmouth
Taylor Trophy....Louise Adams, Wellesley College
Intercollegiate W. S. U. team.Dartmouth
Intercollegiate W. S. U., figure skating
Lyman E. Wakefield Jr., Dartmouth
Intercollegiate W. S. U., speed skating....John A. Shea, Dartmouth
Intercollegiate W. S. U., slalom race
Robert Livermore Jr., Harvard
Intercollegiate W. S. U. 18-kilometer ski race..E. J. Blood, New Hampshire
Intercollegiate W. S. U. 2-mile snowshoe race....A. C. Lazure, New Hampshire
Intercollegiate W. S. U. ski jump
J. J. Whyte, New Hampshire
Pacific Coast Conference
Southern California

Wrestling

Eastern Intercollegiate....Lehigh
Western Conference....Indiana
"Big Six" Conference
Kansas State College
National Collegiate A. A.
Oklahoma A. and M. College
A. A. U....Oklahoma A. and M. College
Pacific Coast Conference....California

Yachting

King's Cup....Weetamoe, F. H. Prince, Boston
Astor Cup, schooners....Sachem, R. B. Metcalf, New York
Astor Cup, sloops....Istalena, Chandler Hovey, Boston
Herreshoff Cup....Weetamoe
Puritan Cup....Lively Lady, M. W. Greenough
Star class....Colleen, Central Long Island Sound
Chicago-Mackinac Trophy....Sifen, Ole and Albert Karas, Chicago
Detroit-Mackinac....Trident, Alger Sheldon, Bay View Y. C.

BUFFALO MAJORS REORGANIZED

BUFFALO, N. Y., Jan. 7 (AP)—A complete reorganization of the Buffalo American Hockey League team with additional financial support was given yesterday as the reason for the resignations of nine members of the board of directors in the Buffalo Amusement Corporation, owners of the club. The Buffalo team has had a disastrous season thus far, and occupies the last berth of the league. The new financing, President Lawrence E. Welch explained, will give the club additional capital to secure new players and will insure the continuation of the playing schedule. He said he would obtain the backing in Chicago.

MIDWINTER GOLF AT MIAMI

Special to The Christian Science Monitor

MIAMI, Fla., Jan. 7—W. R. B. McLean of Williamstown, Mass., teed off this morning in the first round of match play for the midwinter amateur golf championship over the Miami Country Club course. He is opposing Arnold Minkley of Detroit in the second flight. McLean turned in a card of 43—41—84 in the qualifying round. Win Day of Chicago, winner of the event last year, led the field of 65 players with a card of 38—35—73. The Windy City youngster was two over par on the first nine and one under on the inward half.

COLLEGE WRESTLING RESULT

West Virginia 19, Waynesburg 13.

FLOHR WINS CHESS TOURNEY

HASTINGS, Eng., Jan. 7 (AP)—Salo Flohr, Czechoslovakia, yesterday won the international tournament of the Hastings and St. Leonard's Chess Club by defeating F. D. Yates, the British champion, and finishing with a score of 8 to 1. Isaac I. Kashdan of New York, held to a draw by G. Stoltz of Sweden, was second with a score of 7½ to 1½. Three games were decided in the early session. The summaries: R. P. Michell, England vs. Sultan Khan, India, adjourned. Dr. Max Euwe, Holland, defeated Jackson, England. Stoltz, Sweden vs. Kashdan, United States, draw. Miss Vera Menchik, Czechoslovakia vs. Thomas, England, adjourned. Flohr defeated Yates. Leading scores: Flohr, 8 to 1; Kashdan, 7½ to 1½; Dr. Euwe, 5 to 4; Jackson, Stoltz and Yates, each 4 to 5.

GREENLEAF LEADS, 754 TO 327

NEW YORK, Jan. 7 (AP)—E. Ralph Greenleaf of New York, world pocket billiard champion, increased his margin over Arthur Woods of Pawtucket, R. I., yesterday by winning the fifth and sixth blocks of their 1750-point match. Greenleaf now has won five of the six blocks played and leads, 754 to 327. The New York ace took the afternoon block, 124 to 0, as scratches cost Woods 18 points. The match went four innings, with a high run of 73 for Greenleaf. Last night Greenleaf won, 117 to 22, in eight innings. His high run was 88 for the block and Woods's best was 15.

FAVOR UNPAID COMMISSION

CHICAGO, Jan. 7 (AP)—Minor league club owners evidently started something at West Baden, Ind., last month when they decided to replace the presidency of their association with an unpaid commission. Since then several club owners have proposed that their respective leagues do likewise with economy as the chief reason. The latest league that may be affected is the Mississippi Valley League. Dr. Charles Logan, president of the Keokuk team of that circuit, proposes the move to save money. M. H. "Mike" Sexton, who was released as president of the National Association of Professional Baseball Clubs, has been mentioned for the Mississippi Valley League presidency.

ALL EYES ON COUGAR FIVE

Washington State Expected to Win Northern Division Title

Special to The Christian Science Monitor

PULLMAN Wash., Jan. 7—Taking its place as a serious contender for the championship of the northern division of the Pacific Coast Conference, the State College of Washington basketball team enjoys the brightest outlook a Cougar team has had in 10 years. All eyes of the basketball realm are focused on Washington State as the quintet most likely to dethrone the University of Washington, the title winner of the northern division for the last four years.

The rise of Washington State basketball has been steady and definite since Coach Jack Friel '23, graduate and former hoop star of W. S. C., assumed direction of affairs three years ago.

The Washington State regular starting lineup this winter consists of C. C. Holsten '32 and J. R. Cross '33, forwards; H. S. Gordon '33, center, and A. J. McLarney '32 and C. L. Graham '32, guards.

Excellent Forwards

At the forwards, Holsten and Cross make a fine pair. They are both excellent shots and carry a scoring threat at all times. Holsten, one of the high scorers of the Conference, wan an all-northwest position last season. Cross alternated last year as a sophomore.

McLarney is regarded as one of the West's best basketball players. Two years ago he won honors by placing on the all-Pacific coast first team. Graham came up from the ranks of last year's substitutes to take his place among the regulars.

Reserves for the starting team come chiefly from the sophomore class. Foremost among these is R. W. Rogers '34, who shines at forward. L. C. Sondecker '34 is the other forward alternate, with Philip Schmitt '34 and R. O. Scott '34 as guard substitutes. C. H. Lippert '33 is relief man at center. This group averages better than six feet in height and possesses the other essentials of high-caliber play, lacking only experience in varsity competition.

Three other players complete the varsity squad. They are J. E. Soderberg '33, guard; Alan McKay '34 and P. H. Whittaker '34, forwards.

Coach Friel altered his offensive system this season in order to make greater use of the blocking element. The system is based on plays called by numerical signal from set formation in the opponents' territory.

Made Impressive Start

Washington State got off to a flying start with impressive victories in the four opening games. In two contests with Cheney Normal, the Crimson and Gray won 43 to 16 and 49 to 16. Against Whitman, W. S. C. triumphed 52 to 27, while a game with the Elks Club of Spokane resulted in a 52-to-19 victory. Washing State opens the Conference campaign Jan. 11.

Sixteen games compose the Conference schedule for each league member. Washington State will play each of the opposing teams on the Pullman floor before going on the road. The University of Oregon opens with games here Jan. 11 and 12. Washington State's bid for championship honors will probably be determined following the series with the University of Washington Jan. 15 and 16 at Pullman.

Three games are next played with the University of Idaho. The quintets meet at Pullman Jan. 23, at Moscow Jan. 30 and at Pullman Feb. 1. Oregon State College, figured to be a strong contender for the title, comes to Pullman Feb. 5 and 6. Return games are played with the University of Oregon Feb. 12 and 13 at Eugene and with Oregon State Feb. 15 and 16 at Corvallis.

Idaho is met in the final game of its series Feb. 19 at Moscow, while a brace of games with the University of Washington at Seattle Feb. 26 and 27 closes the season.

COLUMBIA BEATEN IN LEAGUE OPENER

Special from Monitor Bureau

NEW YORK, Jan. 7—The basketball team of Princeton University, unbeaten in its preliminary games, scored a victory over the Columbia University five, champions for the past two years, in the opening game of the Eastern Intercollegiate League, at the Columbia gymnasium yesterday evening. The score was 35 to 32. Columbia led, 17 to 11, at half time, but Princeton showed improved play in the second half, and gaining the lead, held it to the final minute, when Columbia tied it at the bell. The visitors were able to take the lead once more, however, in the five-minute overtime period, and held it to the finish.

PRINCETON — COLUMBIA

Fairman, Helm, lf....rg, Hodupp
Seibert, Goodpasture, rf....lg, Jones
Larsen, Robinson, c....c, McDowell
Rosenbaum, lg....rf, Bender, Ballen
Lord, Bignall, Ceppi, rg lf, McCoy, Hartman

Score—Princeton 35, Columbia 32. Goals from floor—Lord 5, Fairman 2, Seibert 2, Goodpasture, Larsen, Rosenbaum for Princeton; Jones 5, Bender 4, McDowell 2, McCoy 2, Hartman for Columbia. Goals from foul—Seibert 8, Fairman, Larsen, Rosenbaum for Princeton; Jones 2, McDowell, McCoy for Columbia. Referee—David Walsh. Umpires—Orson Kinney and David Tobey.

THREE M. P.'S CHOSEN FOR MANITOBA TEAM

WINNIPEG, Man., Jan. 7 (AP)—Three members of Parliament will represent Manitoba in the international curling contests at Lake Placid, N. Y., which are to be held as a "demonstration" along with the winter Olympic Games.

W. H. Burns, M. P., for Portage La Prairie; James L. Bowman, M. P., for Dauphin, and Errick F. Willis, M. P., for Souris, were selected yesterday by the council of the Manitoba Curling Association, along with R. B. Pow, well-known skip from Fort William, Ont.

Every province in Canada has been invited by the Olympic Games authorities to send a rink for the demonstrations.

Columbia U. C. Is Still Unbeaten

METROPOLITAN SQUASH TENNIS CLASS A TEAM STANDING

	Rounds Won	Rounds Lost	Matches Won	Matches Lost	P.C.
Columbia U. C.	7	0	30	5	1.000
New York A. C.	6	1	30	5	.857
Crescent A. C.	4	2	30	10	.750
Princeton Club	4	3	17	18	.571
Yale Club	2	5	11	24	.285
Harvard Club	1	6	8	27	.143
Fraternity S. T. C.	0	7	4	31	.000

Special from Monitor Bureau

NEW YORK, Jan. 7—Columbia University Club and New York Athletic Club, the two leading contenders for the Metropolitan team squash tennis championship, both swept through the eighth round, the first of the second half, in straight matches. The leaders, visiting Harvard Club, used their strongest team, but in spite of this the matches were close. New York Athletic Club lacked its leader, Harry F. Wolf, national champion, but still managed to win all five matches from Yale Club, which was also handicapped by absences.

Princeton Club was the other winner of the day, defeating Fraternity Squash Tennis Club on the courts of the latter, 4—1. The surprise was furnished by Milton Baron, No. 1 for Fraternity, when he defeated the Princeton Club champion and leader, Robert C. Hynson, 15—3, 15—0. The summary:

COLUMBIA U. C. 5, HARVARD CLUB 0

R. B. Haines, Columbia, defeated Murray Taylor, Harvard, 15—4, 13—18, 15—11.

P. T. Moore, Columbia, defeated Fillmore V. S. Hyde, Harvard, 15—8, 15—6.

E. G. McLaughlin, Columbia, defeated C. J. Mason Jr., Harvard, 17—16, 18—15.

Gardner Nirons, Columbia, defeated W. K. Rice, Harvard, 4—15, 15—12, 17—15.

R. H. Reutter, Columbia, defeated R. C. Black, Harvard, 15—4, 15—8.

NEW YORK A. C. 5, YALE CLUB 0

Frank M. Loughman, New York, defeated Prescott Evarts, Yale, 15—9, 15—2.

Barnwell Elliott, New York, defeated L. H. Sonneborn, Yale, 8—15, 15—8, 15—11.

P. J. Cohalan, New York, defeated John S. Davidson, Yale, 4—15, 15—4, 15—9.

Frank A. Sieverman Jr., New York, defeated Fergus Reid Jr., Yale, 15—3, 15—5.

J. C. Lyons, New York, defeated J. B. Quincy Jr., Yale, 15—12, 18—13.

PRINCETON CLUB 4, FRATERNITY S. T. C. 1

Milton Baron, Fraternity, defeated R. C. Hynson, Princeton, 15—3, 15—0.

Arnold Wood Jr., Princeton, won from H. K. Sayen, Fraternity, by default.

Gavin Brackenridge, Princeton, defeated S. R. Greene, Fraternity, 15—6, 15—10.

J. C. Neely, Princeton, defeated W. O. Wyckoff, Fraternity, 15—8, 15—5.

L. B. Dailey Jr., Princeton, defeated T. R. Tarrant, Fraternity, 15—11, 15—9.

NEW YORK-BOSTON TEAM DEFEATS YALE

NEW HAVEN, Conn., Jan. 7 (AP)—Boston skaters of the New York-Boston Olympic hockey selections completely outplayed the Yale University team last night to win a pre-Olympic game, 4 to 0.

NEW YORK-BOSTON — YALE

Cookman, lw....rw, Fletcher
Nelson, c....c, Bostwick
Bent, rw....lw, Todd
Hallock, rd....rd, Muhlfeld
Livingston, ld....ld, Winter
Farrel, g....g, Curtiss

Score—New York-Boston 4, Yale University 0. Goals—Chase 3, Palmer for New York-Boston. Spares: New York-Boston—Chase, Palmer, Batchelder, Garrison, Everett; Yale—Noyes, Gilligan, G. Mills, E. Mills, Barnes, Townshend. Penalties—Hallock 3, Todd 2, Palmer (major), Bent, Batchelder, Garrison. Referees—Bayson and French.

TROJANS ARE U. S. CHAMPIONS

Special to The Christian Science Monitor

LOS ANGELES, Jan. 7—On the basis of Prof. Frank G. Dickinson's rating system, the University of Southern California was presented yesterday with the Knute K. Rockne trophy, emblematic of the intercollegiate football championship of the United States. Erny Pinckert of the Trojan eleven was awarded the Douglas Fairbanks most-valuable-player trophy.

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TILDEN VICTOR OVER RICHARDS

Wins in Straight Sets at 6—2, 6—3, 6—1 in Madison Square Garden

MADISON SQUARE GARDEN, New York, Jan. 7 (AP)—Still disdaining to "pull his punches" for the benefit of the audience, Bill Tilden administered another crushing defeat last night to Vincent Richards, his foremost rival for world professional tennis honors.

A fashionable audience of about 6000 that included Max Schmeling and Babe Ruth saw the tall Philadelphia tennis master turn his more youthful opponent back by scores of 6—2, 6—3, 6—1 in a ruthless exhibition of power.

It had been felt that "Big Bill," if for no other reason than his flair for the dramatic, might ease up a little and let his former doubles partner make a fight of it this time, but anyone who thought that was mistaken. He squelched Richards even more convincingly than in their first combat as professionals here last winter.

Richards No Match

Richards did his best, played some brilliant tennis, but he was no match for the old master.

For two sets, the younger star tried to play a rushing game, taking Tilden's swift returns at the service line. Then, in the third heat, he tried staying back and matching Bill's drives from the baseline, but it couldn't be done.

Richards spent the better part of an hour nodding his head and shouting "yes" as Tilden's cannonball serves and dazzling drives shot past him off the green canvas. In the second set, Tilden won four games at love, three of them in succession.

Breaks Service for Lead

Richards, who last week won the United States indoor title in a tournament in which Tilden did not compete, made his only real stand in the second set, when he broke Bill's service to take a 3-to-2 lead. He won the first game of the final set, only to see Tilden hit another remarkable streak and run through six straight.

In an exhibition prior to the feature match, the veteran Francis T. Hunter vanquished Albert Burke, professional champion of France, 6—4, 7—5. It was a colorless exhibition, both players staying well back for the most part, and swapping drives until there was an error.

Hans Nusslein, promising young German professional, made his metropolitan début in a doubles match, the concluding event on the night's program. Paired with Roman Najuch of Czechoslovakia, he lost a hard-fought match to Tilden and Hunter, 5—7, 6—3, 9—7.

St. Louis Captures Fourth Straight

AMERICAN HOCKEY LEAGUE STANDING

				Goals		
	Won	Tied	Lost	For	Agst	Pts
Kansas City	11	1	6	30	18	22
Chicago	10	3	6	51	28	20
Tulsa	7	2	7	26	28	14
Duluth	6	1	8	28	35	12
St. Louis	6	3	6	27	25	12
Buffalo	3	2	10	14	32	6

(No points for ties)

RESULT JAN. 6

St. Louis 5, Buffalo 1.

Special to The Christian Science Monitor

BUFFALO, N. Y., Jan. 7—St. Louis Flyers turned in their fourth-straight American Hockey League victory by soundly trouncing Buffalo's Majors, 5 to 1, here last night. "Red" Jackson led the Flyers' attack with two well-placed drives, while Andy Mulligan, "Shrimp" McPherson and Jack St. John contributed the others.

ST. LOUIS — BUFFALO
Scott, Jackson, lw...rw, Morrison, Gordon
McPherson, Kendall, c...c, Holmes, Redding
Hill, St.John, rw...lw, Bouchard, Desy, Harris
Loucks, Scott, Singer, Creasey, ld
rd, Carbol, Rennie, Oatman
Williams, Mulligan, rd.ld, Donnelly, Armand
Hume, g...g, Stark

Score—St. Louis 5, Buffalo 1. Goals—Jackson 2, McPherson, Mulligan, St. John for St. Louis; Gordon for Buffalo. Assists—Loucks, Mulligan for St. Louis; Harris for Buffalo. Referees—C. B. Jamieson, Kansas City, and Dr. Edward O'Leary, Ottawa. Time—Three 20m. periods.

VINES URGED TO STAY IN COLLEGE BY WARD

NEW YORK, Jan. 7 (AP)—H. Ellsworth Vines' announcement that Davis Cup tennis and university studies didn't mix and that he was dropping the studies yesterday brought quick action from the United States Lawn Tennis Association urging him to reconsider.

Vines, United States champion announced his intention in Los Angeles Tuesday of quitting the University of Southern California in favor of tournament tennis in Hawaii to prepare himself for a berth on America's Davis Cup squad.

Yesterday Holcombe Ward, chairman of the U. S. L. T. A.'s Davis Cup committee, sent Vines a telegram urging him to stay in college.

"The committee considers your educational obligation paramount in that you should not permit tennis to interfere in any way with continuation of your studies," Ward wired him. He pointed out that no play would be required for Davis Cup play before May 15, "by which date your scholastic work should be near completion."

SOUTH AFRICANS WIN ANOTHER

By Radio to The Christian Science Monitor

WORKINGTON, Eng., Jan. 7—The South African Rugby footballers, who have defeated Wales, Ireland and England, and will oppose Scotland in the concluding match of their program Jan. 16, beat the combined side of Yorkshire and Cumberland counties here yesterday, 3 goals and four tries (27 points) to 1 goal (5 points). Once again the ready opportunism of the tourists was largely responsible for their success. Rain-sodden ground and a slippery ball made accurate handling difficult, and the South Africans were quick to capitalize the mistakes of its opponents in handling the ball. Considering what they were up against, the counties did extremely well. Their tactics were perforce spoiling rather than constructive, but they got a fair share of the ball and did excellent work with it against a team with a superior combination.

MORAN WILLIAMSPORT PILOT

WILLIAMSPORT, Penna., Jan. 7 (AP)—J. Herbert Moran of Rochester, N. Y., and formerly of the Montreal team of the International League, was last night elected manager of the Williamsport baseball team of the New York-Pennsylvania League.

COLLEGE HOCKEY RESULTS

Harvard 11, St. Mary's 2.
Northeastern 3, M. I. T. 0.
[illegible] 4, Yale 0.
Princeton 3, Toronto 2.
West Point 6, Colgate 4.

WHO WON IN SPORTS IN GREAT BRITAIN IN 1931

Archery

Gold Medal	Maj. W. Thomas
Women's Silver Bracer and Badge	Mrs. Atkinson
Silver Challenge Belt and Quiver	Mrs. Armitage
Fisher Cup	G. B. Adamson
Inter-county, men	Herefordshire
Inter-county, women (Walrond Bowl)	Kent

Association Football

English League, first division	The Arsenal
English League, second division	Everton
English League, third division (North)	Chesterfield
English League, third division (South)	Notts County
Scottish League, first division	Glasgow Rangers
Scottish League, second division	Third Lanark
Scottish Alliance	Glasgow Rangers
Irish League	Glentoran
Irish Free State League	Shelbourne
Irish Free State Shield	Waterford
Welsh League	Merthyr Town
English Cup	West Bromwich Albion
English Amateur Cup	Wycombe Wanderers
English Amateur Football Association Cup	Cambridge Town
Old Public Schoolboys (Dunn Cup)	Old Wykehamists
English Elementary Schools Shield	Islington
English Elementary Schools Cup	Daubeney Road School, Clapton
London Cup	The Arsenal
Scottish Cup	Glasgow Celtic
Glasgow Charity Cup	Glasgow Rangers
Irish Cup	Linfield
Irish Gold Cup	Linfield
Belfast City Cup	Belfast Celtic
Irish Free State Cup	Shamrock Rovers
Irish Free State Qualifying Cup	Bohemians (Cork)
Irish Free State Junior Cup	Distillery
Welsh Cup	Wrexham
Welsh Amateur Cup	Aberystwyth
London Combination	The Arsenal
English Cup-holder—English League Champion	League Champion (The Arsenal)
Oxford-Cambridge	Oxford, 2-1
Southern Counties, amateur	Essex
Inter-Services	Navy, Army, Royal Air Force tied
Inter-Hospitals	Guy's Hospital
Top goal-scorer, English League, 1st division	T. H. Waring, Aston Villa, 49
Top goal-scorer, English League, 2d division	W. R. Dean, Everton, 39
Top goal-scorer, English League, 3d division (North)	James McConnell, Carlisle United, 37
Top goal-scorer, English League, 3d division (South)	Peter Simpson, Crystal Palace, 46
Top goal-scorer, Scottish League, 1st division	Barney Battles, Heart of Midlothian, 44
Top goal-scorer, Scottish League, 2d division	W. Jarvis, Raith Rovers, 34
Top goal-scorer, Irish League	Fred Roberts, Glentoran, 55

Athletics

Champion of year (Harvey Memorial Cup)	J. Daranyi, Hungary
Best British championship competitor (Jackson Cup)	G. L. Rampling
Woman champion of year	Miss Nellie Halstead
Oxford-Cambridge	Cambridge, 8-3
Oxford-Cambridge, relays	Cambridge, 4-3
Universities Athletic Union	Manchester University
Southern Amateur League	South London Harriers
Christie Cup, Northern Universities	Manchester University
Public Schools	Bedford
Inter-County	Middlesex
Inter-club (Kinnaird Trophy)	Achilles
Inter-club, women	London Olympiades
Inter-district, women	South
Universities Athletic Union, women	Liverpool University
Inter-services	Army
Inter-Military Colleges	Sandhurst
Inter-hospitals	St. Thomas's Hospital
Inter-club, relay (4x110 yards)	Achilles
Inter-club, relay (4x440 yards)	Polytechnic Harriers
English inter-county relay, boys	London
English inter-county relay, girls	Essex
London-Brighton relay, inter-club	Birchfield Harriers
English Marathon	Duncan McLeod Wright, Scotland
Northern Marathon	Harold Wood, Makerfield Harriers
Southern Marathon	Samuel Ferris, Royal Air Force
Professional Marathon (Powderhall)	A. Scally
Professional sprint (Powderhall)	Thomas Tait
20 miles, senior road walk, individual	T. Lloyd Johnson
20 miles, senior road walk, team	Derby W. C.
10 miles, junior road walk, individual	T. W. Richardson
10 miles, junior road walk, team	Enfield A. C.
50-kilometer walk	T. Lloyd Johnson
London-Brighton walk	T. W. Green
Hastings-Brighton walk	T. W. Green
Manchester-Blackpool walk	T. W. Green
Chelmsford-Ipswich walk	T. W. Green
Tug of war	Royal Marines, Portsmouth

Aviation

Kings Cup (round Britain)	E. C. T. Edwards
Gliding, Cross-Channel	Lissant Beardmore
Gliding, Cross-Channel and return	Robert Kronfeld, Germany
Gliding, individual	G. M. Buxton
Gliding, interclub	South Soarers

Badminton

English, men's singles	J. F. Devlin
English, women's singles	Mrs. F. G. Barrett
English, men's doubles	Devlin and G. S. B. Mack
English, women's doubles	Mrs. H. S. Uber and Mrs. R. J. Horsley
English, mixed doubles	H. S. Uber and Mrs. Uber
English, veteran men's doubles	A. H. Rae and E. C. St. John
Scottish, men's singles	J. C. Elder
Scottish, women's singles	Mrs. R. J. Horsley
Scottish, men's doubles	J. Barr and T. G. Dempster
Scottish, women's doubles	Mrs. Myers and Miss Neville
Scottish, mixed doubles	J. Barr and Miss Langmuir
Irish, men's singles	W. Hamilton
Irish, women's singles	Mrs. R. J. Horsley
Irish, men's doubles	G. S. B. Mack and J. F. Devlin
Irish, women's doubles	Mrs. Horsley and Miss C. Duncan
Irish, mixed doubles	Devlin and Mrs. Horsley
Welsh, men's singles	W. Hamilton
Welsh, women's singles	Miss T. Kingsbury
Welsh, men's doubles	W. Hamilton and A. Hamilton
Welsh, women's doubles	Miss T. Kingsbury and Miss H. Hogarth
Welsh, mixed doubles	R. F. Nichols and Miss N. Coop
Oxford-Cambridge	Cambridge, 13-2
Inter-county	Middlesex

Billiards

Player of year, professional	Walter Lindrum, Australia
Professional, senior	No championship
English Amateur	Sydney Lee
English Amateur, junior	F. Hollingsworth
Scottish Amateur	Malcolm Smith
Oxford-Cambridge	Cambridge, 3-0
Women, professional	Miss Joyce Gardner
Women, amateur	Miss Ruth Harrison
Women's inter-team	Lyceum Ladies Club
Boys	C. W. F. Desbottes
Snooker, English Professional	Joseph Davis
Snooker, English Amateur	P. H. Matthews
Snooker, English Amateur, junior	A. G. Wyatt

Bowls

English, singles	E. P. Topp
English, singles, women	Mrs. E. S. Tigg
English, pairs	J. Williams and E. W. Fortune
English, pairs, women	Mrs. Tigg and Mrs. Privett
English, rink	Kingston Canbury
Scottish, singles	P. R. Brown
Scottish, rink	East Calder
Welsh, pairs	O. Hopkins and E. Parry
Welsh, rink	Lampeter
Hastings Tournament, singles	J. W. Smith
Inter-county	Surrey
Crown green, amateur singles	F. H. Hopwood
Crown green, amateur singles (Coronation Cup)	D. Beaumont
Crown green, inter-county	Lancashire
Crown green, professional singles (Blackpool)	W. Molneax

Chess

Men	F. D. Yates
Women	Mrs. Wheelwright and Mrs. R. P. Michell, tied
Southern Counties	Middlesex
Boys	J. M. Craddock
Girls	Miss Honor Bullen
Oxford-Cambridge	Drawn
Inter-county, correspondence	Middlesex
Hastings Tournament, premier section	Dr. Max Euwe, Holland
Hastings Tournament, premier reserves	S. Flohr

Chess—Continued

Worcester Tournament, major open	Miss Vera Menchik
Worcester Tournament, major reserves	C. A. S. Damant

Cricket

Inter-county, major	Yorkshire
Inter-county, minor	Leicestershire Second XI
Champion County-Rest of England	Drawn
Lancashire League	Nelson
Lancashire League (Worsley Cup)	Nelson
Ireland, club of year	Leinster
Ireland, inter-provincial, Leinster-Ulster	Ulster
Ireland, inter-provincial, Ulster-Munster	Ulster
Ireland, schoolboys, Leinster-Ulster	Ulster
South Wales League	Llanelly
Gentlemen-Players (Lord's)	Drawn
Oxford-Cambridge	Oxford
Eton-Harrow	Eton
Inter-services	Navy and Army drew
Inter-hospitals	St. Thomas's
Marylebone Cricket Club's South African Team-Rest of England	M. C. C. Team
Young Amateurs-Young Professionals	Drawn
M. C. C.-Gentlemen of Ireland	Gentlemen of Ireland
M. C. C.-Lords and Commons	Drawn
M. C. C.-Club Cricket Conference	M. C. C.
Club Cricket Conference-Universities Athletic Union	U. A. U.
Footballers Cup	The Arsenal
Batting averages, first-class	Herbert Sutcliffe, Yorkshire
Batting averages, minor counties	Aubrey Hill, Warwickshire 2nd XI
Batting averages, Lancashire League	L. N. Constantine, Nelson
Batting averages, Club cricket	E. H. Allen, Blackheath
Bowling averages, first-class	Harold Larwood, Nottinghamshire
Bowling averages, minor counties	S. F. Barnes, Staffordshire
Bowling averages, Lancashire League	S. F. Barnes, Rawtenstall
Bowling averages, Club cricket	G. O. Allen, The Romany
Most centuries, first-class	Herbert Sutcliffe, Yorkshire
Most centuries, Lancashire League	J. Middleton, Rawtenstall; L. Warburton, Haslingden; J. Toothill, Ramsbottom, and J. Midgley, Bacup, one each.
Top scorer, first-class	Percy Holmes, Yorkshire
Top scorer, minor counties	G. Rogers, Cornwall
Top scorer, Lancashire League	J. Midgley, Bacup
Top scorer, Club cricket	R. E. C. Powell, Sutton
Women, North-Midlands	Drawn
Women, South-The Rest	South

Croquet

Men	B. C. Apps
Women	Mrs. A. C. Ionides
Open	B. C. Apps
Champion Cup, women	Miss E. Reeve
Open doubles	W. du Pré and Miss D. D. Steel
Inter-county	Ireland
Inter-club	Ranelagh
Association Plate	Mrs. B. C. Apps
Roehampton Cup	W. B. du Pré
Ranelagh Gold Cup	R. W. H. Beaton
Ranelagh Open singles	C. E. Wilson
Ranelagh Women's Open singles	Mrs. W. L. George
Ranelagh Mixed Doubles, handicap	W. Longman and Mrs. Longman
Peel Memorial, singles	J. N. Lovett
Peel Memorial, women singles	Miss M. Atkinson
Peel Memorial, doubles	Dr. Edkins and Miss M. G. Murray
Gilbey Cup	Miss K. Strickland
Beddow Champion Cup, Roehampton	Miss D. D. Steel
Croquet Association Cup	S. Horsley
Croquet Association Gold Medals	Leamington
Croquet Association Gold Mallets	Budleigh Salterton

Cross-Country Running

English, team	Birchfield Harriers
English, individual	J. H. Potts, Saltwell Harriers
Scottish, team	Maryhill Harriers
Scottish, individual	J. Suttie Smith, Dundee Thistle Harriers
Irish, team	Army Metro A. C., Dublin
Irish, individual	T. P. Smythe, O'Callaghan's Mills A. C.
Welsh, team	Cwmbran Harriers
Welsh, individual	D. Phillips, Cwmbran Harriers
Women, team	London Olympiades "A" team
Women, individual	Miss Gladys Lunn, Birchfield Harriers
English, inter-county, team	Staffordshire
English, inter-county, individual	J. T. Holden, Staffordshire
Oxford-Cambridge, team	Oxford
Oxford-Cambridge, individual	J. F. Cornes, Oxford
Universities Athletic Union, team	Birmingham University
Universities Athletic Union, individual	K. F. Bullen, London University
Inter-services, team	Army
Inter-services, individual	Sergt. R. R. Sutherland, Army
Inter-Public Schools, team	St. John's, Leatherhead
Inter-Public Schools, individual	A. Massey, City of London School
Inter-hospitals, team	St. Thomas's Hospital
Inter-hospitals, individual	H. B. C. Sandiford, St. Thomas's Hospital
Northern Counties, team	Salford Harriers
Northern Counties, individual	C. W. Bailey, Salford H.
Midland Counties, team	Birchfield Harriers
Midland Counties, individual	J. W. Winfield, Derby
Southern Counties, team	South London Harriers
Southern Counties, individual	L. H. Weatherill, S. L. H.

Cycling

Sprinter of year	J. E. Sibbitt
Stayer of year	Harry Grant
Road rider of year	F. W. Southall
Tandem	J. E. Sibbitt and E. W. Higgins
50 miles	Harry Grant
Murratti Gold Cup (10 miles)	D. S. Horn
National inter-club pursuit	Belle Vue, Manchester

Darts

Individual	T. Nye

Draughts

British, men	R. Stewart
English, men	F. Kaiser

Eton Wall Game

Collegers-Oppidans	Drawn

Fencing

Foils, men	J. Emrys Lloyd
Foils, women	Miss M. M. Butler
Foils, women junior (Desprez Cup)	Miss Gwen Neligan
Foils, Public Schools	G. A. L. Cheatle, Stowe School
Foils, Oxford-Cambridge	Oxford
Foils, Inter-services	H. Parsons, Army
Foils, Universities Athletic Union	D. V. Morse, Cambridge U.
Foils, Inter-hospitals	G. L. Stroud, St. Mary's
Sabers	O. G. Trinder
Sabers, Junior	R. J. P. Stewart
Sabers, Scottish	A. Hope
Sabers, Public Schools	M. S. Balmain, Eton College
Sabers, Oxford-Cambridge	Cambridge
Sabers, Inter-services	G. F. S. Wyatt, Army
Sabers, Universities Athletic Union	E. L. Monkhouse, London U.
Sabers, Inter-hospitals	H. N. Garrus, Guy's H.
Épée	B. Childs
Épée, Oxford-Cambridge	Oxford
Épée, Inter-services	Sergt. F. Stubberfield, R. A. F.
Épée, Inter-hospitals	C. P. Collins, University College H.
Épée, Inter-hospitals, individual	C. P. Collins, University College H.
Épée, Inter-club (Savage Shield)	Grosvenor F. C.
Épée, Amateur Fencing Association's Annual Competition	F. Kent
Épée Club's Gold Cup	C. E. de Beaumont
Three Weapons, Inter-hospitals	St. Mary's Hospital
Bayonet, Inter-services	2d Lieut. B. W. Courcy-Ireland, Royal Marines
All weapons, Inter-services, team	Army (Artists Rifles)

Field Hockey

Oxford-Cambridge, men	Oxford, 3-2
Oxford-Cambridge, women	Cambridge, 3-1
Inter-services	Navy and Army tied
Northern Counties, women	Lancashire
Southern Counties, women	Sussex
Eastern Counties, women	Kent
Western Counties, women	Gloucestershire

Fives

Eton code, Oxford-Cambridge	Cambridge, 3-0
Eton code, Public-schools handicap	Harrow
Rugby code, open	R. C. Gandar-Dower
Rugby code, Oxford-Cambridge	Cambridge, 255-183
Rugby code, Public-schools, singles	R. de K. W. Winlaw, Winchester
Rugby code, Public schools, doubles	Winlaw and H. J. H. Lamb, Winchester

Fives—Continued

Rugby code, Cyriax Cup	Alleyn Old Boys (P. A. Malt and G. L. Bailey)

Gaelic Football

Irish championship	County Kerry

Golf

British open, men	T. D. Armour, U. S. A.
British open, men's amateur	E. M. Smith
English close, men's amateur	L. G. Crawley
British open, women	Miss Enid Wilson
English close, women	Miss Wanda Morgan
British open, boys	Hector Thomson
British open, girls	Miss Pauline Doran
Scottish professional	Mark Seymour
Scottish amateur	John Wilson
Scottish women	Miss Jean McCulloch
Scottish women, inter-county	Ayrshire
West of Scotland, women	Miss Nancy Baird
Irish open	E. W. H. Kenyon
Irish close, professional	J. McCartney
Irish open, amateur	E. A. McRuvie
Irish close, amateur	John Burke
Irish women	Miss Pentony
South of Ireland, men, amateur	John Burke
Welsh professional	R. Watts
Welsh close, amateur	H. R. Howell
Welsh team, men	Glamorgan
Welsh inter-club, women	Southerndown
Professional, match play	A. H. Padgham
Professional Assistants	W. Hammond
Professionals-Amateurs	Professionals
Inter-county, men	Yorkshire
Inter-county, women	Middlesex
Oxford-Cambridge	Oxford, 8-6
Inter-services (Services Challenge Cup)	Rev. E. S. Ulyat
Women-Men, handicap	Halved
Scottish Universities	Edinburgh
Scottish, club foursomes, men	Royal Burgess Club
Mixed foursomes	Joyce Wethered and Michael Scott
Old Public Schoolboys	Old Harrovians
Northern, women	Miss Jessie Firth
Midland, open	T. Williamson and T. Barber, tied
Midland, professional assistants	C. H. Ward
Midland, amateur	Eric Piddian
Midland, professional foursomes	W. Buton and J. Stait
Midland, team, men	Moseley
Western, open	R. A. Whitcombe
Calcutta Cup (Royal and Ancient) foursomes	J. T. Inglis and H. D. Middleton
King William IV Medal (R. & A.)	W. L. Hartley
Bombay Medal (R. & A.)	T. A. Torrance
Prince of Wales Prize (Sandwich)	R. W. Hartley
Gleneagles Silver Tassie	W. B. Torrance
Gold Balls of Stoke, foursomes	W. L. Hope and C. Shanklund
President's Putter	A. G. Pearson
West of Scotland-East of Scotland (20 a side)	West of Scotland
Lawn Tennis Players' Cup	F. R. L. Crawford
Putting Competition	Percy Allis

Horsemanship

Coaching Marathon	Mr. Claude Goddard's "Tally Ho"

Ice Hockey

Oxford-Cambridge	Oxford, 5-1
Oxford-Cambridge, point to point	Oxford

Lacrosse

Inter-county	Lancashire
North-South	North
Inter-club (Iroquois Cup)	Oxford University
Inter-club, Northern Senior Flags	Stockport
Inter-club, Southern Senior Flags	Oxford University
Inter-club, Western Senior Flags	Wills
Oxford-Cambridge, men	Oxford, 10-3
Oxford-Cambridge, women	Cambridge, 8-6
Universities Athletic Union	Oxford University
Northern Universities	Manchester University
Southern League	Oxford University
Inter-district, women	South

Lawn Tennis (Grass Court)

Wimbledon, singles, men	S. B. Wood, U. S. A.
Wimbledon, singles, women	Miss Cilli Aussem, Germany
Wimbledon, doubles, men	G. M. Lott and John Van Ryn, U. S. A.
Wimbledon, doubles, women	Mrs. D. C. Shepherd-Barron and Miss P. E. Mudford
Wimbledon, doubles, mixed	Lott and Mrs. L. A. Harper, U. S. A.
Wimbledon, All England Plate	V. G. Kirby, South Africa
Scottish, singles, men	V. G. Kirby, South Africa
Scottish, singles, women	Miss G. R. Sterry
Scottish, doubles, men	N. Q. Farquharson and Kirby, South Africa
Scottish, doubles, women	Miss Sterry and Miss N. Trentham
Scottish, doubles, mixed	Farquharson and Miss Sterry
Irish, singles, men	E. A. McGuire
Irish, singles, women	Mrs. Blair White
Welsh, singles, men	Jiro Satoh, Japan
Welsh, singles, women	Miss E. Hemmant
Welsh, doubles, men	Satoh and M. Takasu, Japan
Welsh, doubles, women	Miss E. Hemmant and Mrs. W. J. Dyson
Welsh, doubles, mixed	Satoh and Miss E. Hemmant
Public Schoolboys, singles	W. F. Moss, Charterhouse
Public Schoolboys, doubles	W. F. Moss and J. C. Moss, Charterhouse
Public Schoolgirls, singles	Miss O. Garrish, Malvern
Public Schoolgirls, doubles	Miss K. E. Stammers and Miss M. Whitmarsh, The Grove
Old Public Schoolboys, team	Old Carthusians
Oxford-Cambridge	Cambridge, 14-2
Oxford-Cambridge, women	Oxford, 9-8
Inter-services	Army
Inter-hospitals, women	St. Thomas's
Amateurs-Professionals	Amateurs
Professional, singles	Daniel Maskell
Professional, doubles	Maskell and T. C. Jeffery

Lawn Tennis (Hard Courts)

English, singles, men	Christian Boussus, France
English, singles, women	Mrs. Rene Mathieu, France
English, doubles, men	H. W. Austin and C. H. Kingsley
English, doubles, women	Miss E. M. Ryan and Miss Betty Nuthall
English, doubles, mixed	F. J. Perry and Miss M. Heeley
Scottish, singles, men	A. W. Hill
Scottish, singles, women	Mrs. E. Robertson
Scottish, doubles, men	I. G. Collins and R. F. Scovell
Scottish, doubles, women	Mrs. E. Robertson and Mrs. Beamish
Scottish, doubles, mixed	Collins and Hon. Mrs. G. Corbett
English, covered, singles, men	Jean Borotra, France
English, covered, singles, women	Miss M. Heeley
English, covered, doubles, men	H. W. Austin and J. S. Olliff
English, covered, doubles, mixed	Olliff and Miss P. G. Brazier
Welsh, covered, singles, men	A. H. Fyzee, India
Welsh, covered, singles, women	Miss M. Johnstone
Welsh, covered, doubles, men	W. Radcliffe and B. Howard Baker
Welsh, covered, doubles, mixed	V. Allman Smith and Miss Joan Ingram
Inter-county, men	Middlesex
Inter-county, women	Surrey
Boys, singles	C. E. Hare
Boys, doubles	H. D. B. Faber and G. L. Mytton
Girls, singles	Miss S. K. W. Hewitt
Girls, doubles	Miss J. Saunders and Miss K. E. Stammers
Juniors, mixed	Faber and Miss Stammers

Motorboating

London-Cowes, cruisers	T. B. Andre's Kittihawke

Motorcycling

Ulster Grand Prix, Belfast (500 c.c. class)	Stanley Woods
Ulster Grand Prix, Belfast (350 c.c. class)	L. H. Davenport
Ulster Grand Prix, Belfast (250 c.c. class)	E. M. Mitchell
Professional Tourist Trophy, senior	Percy Hunt
Professional T. T., junior	Percy Hunt
Professional T. T., lightweight	G. W. Walker
Professional T. T. Manufacturers' Team Prize	Norton riders
Professional T. T. club team prize	Austin and South Birmingham Club
Manx Grand Prix, amateur (500 c.c. class)	J. W. Muir
Manx Grand Prix, amateur (350 c.c. class)	D. J. Pirie
Scottish speed championship, heavyweight	James Guthrie
Scottish speed championship, medium weight	James Guthrie
Scottish speed championship, lightweight	J. K. Swanston

Motorcycling—Continued

Dirt Track, Speedway team championship	Wembley
Dirt Track, Speedway Captains' Championship	Frank Arthur, Stamford Bridge
Dirt Track, Northern Speedways	Belle Vue, Manchester
Dirt Track, Southern Speedways	Wembley
Dirt Track, London team championship	Crystal Palace
Dirt Track, London individual championship	Joseph Francis, Crystal Palace
Oxford-Cambridge hill climb	J. W. Muir, Cambridge

Motoring

British Racing Drivers' Club's 500 miles (racing cars), team	M. G. Midgets
British Racing Drivers' Club's 500 miles (racing cars), individual	Jack Dunfee and Cyril Paul
Tourist Trophy, Royal Automobile Club, Belfast (standard cars), team	Riley drivers
Tourist Trophy, R. A. C., Belfast (standard cars), individual	Norman Black
Relay Grand Prix, Brooklands	Austin "Sevens"
Junior Car Club's Double Twelve Hours, Brooklands (standard cars)	Earl of March and Christopher Staniland
British Hill-Climbing Championship Cup	Raymond Mays and T. H. Wisdom, tied
Oxford-Cambridge hill climb	A. Robinson, Cambridge

Pony Polo

Hurlingham, Champion Cup	Merchiston
Hurlingham, Indian Empire Challenge Shield	Hurlingham
Hurlingham, Tyro Cup	Life Guards
Hurlingham, Sanford Cup	Someries House
Hurlingham, Seniors-Juniors	Seniors
Hurlingham, Social Clubs' Cup	Bucks Club
Hurlingham, Cicero Cup	Royal Horse Guards "B" Team
Hurlingham, Guest Cup	Merchiston
Hurlingham, Weekly Challenge Cup	Bluejackets
Hurlingham, Inter-Regimental	Queen's Bays
Ranelagh, Open Cup	Merchiston
Ranelagh, King's Coronation Cup	The Panthers
Ranelagh, Handicap Cup	Los Piratas
Ranelagh, Buenos Aires Cup	Los Piratas
Ranelagh, Novices Challenge Cup	The Panthers
Ranelagh, Colts Challenge Cup	The Flamingoes
Ranelagh, Duke of York's Cup	Royal Navy
Ranelagh, Subalterns' Gold Cup	Royal Scots Greys
Roehampton, Open Cup	The Panthers
Roehampton, Roehampton Cup	The Hurricanes
Roehampton, Ladies' Nomination Cup	The Flamingoes
Roehampton, Sutton Smith Challenge Cup	Someries House
Roehampton, Junior Cup	Someries House
Roehampton, Shaw Cup	Los Piratas
Roehampton, Military Handicap Cup	Life Guards
Roehampton, Whitney Cup	The Panthers
Roehampton, Lawson Cup	The Bluejackets
Oxford-Cambridge	Oxford, 9-0
County Cup	Beaufort
Junior County Cup	Stoke d'Abernon

Racquets

Amateur, singles	Lord Aberdare
Amateur, doubles	J. C. F. Simpson and C. S. Crawley
Professional, senior, singles	Charles Read
Professional, junior, singles	E. Hawes
Oxford-Cambridge, singles	Halved
Oxford-Cambridge, doubles	Oxford, 4-3
Public Schools	Harrow
Public Schools Handicap	R. Pulbrook, Harrow
Old Public Schoolboys	D. S. Milford and J. C. F. Simpson, Rugby School

Rowing

Eights, Grand Challenge Cup, Henley	London R. C. "A" crew
Eights, Thames Cup, Henley	London R. C. "B" crew
Eights, Ladies Plate, Henley	Jesus College, Cambridge "A" crew
Eights, Oxford-Cambridge	Cambridge, 2½ lengths
Eights, Head of Thames River, 1st Division	London R. C.
Eights, Head of Thames River, Sandwich Division	Isis Boat Club
Eights, Head of Thames River, 1st Clinker Division	London R. C. "VII"
Eights, Head of Thames River, 2d Clinker Division	Peterhouse, Cambridge
Eights, Inter-hospitals	St. Bartholomew's
Eights, women	Furnivall R. C.
Eights, 400 yards dash, senior	London R. C. "A" crew
Eights, 400 yards dash, junior-senior	Thames R. C.
Fours, Stewards Cup, Henley	London R. C. "A" crew
Fours, Visitors Cup, Henley	Pembroke College, Cambridge "A" crew
Fours, Wyfold Cup, Henley	Thames R. C.
Fours, Inter-hospitals	St. Thomas's
Fours, Women	Isleworth R. C.
Pairs, Silver goblets, Henley	Christ Church, Oxford
Single sculls, Diamond Sculls, Henley	H. R. Pearce, Australia
Single sculls, Thames Championship (Wingfield Sculls)	D. Guye, London R. C.
Single sculls, women's senior	Miss Enid Chamberlen
Single sculls, women's junior	Miss A. Humphries
Single sculls, Doggett's Coat and Badge, professional	T. J. Harding, Putney
Punting, single, amateur, men	J. A. Urquhart
Punting, single, amateur, women	Miss M. Ellison
Punting, single, professional	Albert Edwards
Punting, single, amateur, men, junior	A. E. Peters
Punting, single, amateur, men, novices	A. E. Peters
Punting, doubles, amateur, men	T. L. Hewett and H. R. Higginson
Punting, doubles, amateur, mixed	T. L. Hewett and Miss Hayes Jones
Skiffing, singles, men	D. J. Collis
Skiffing, singles, women	Mrs. A. E. Marcy
Skiffing, doubles, men	R. F. Offer and J. S. Offer
Skiffing, doubles, women	Mrs. Marcy and Miss G. D. Bint
Skiffing, doubles, mixed	C. H. Milnes and Miss G. Barber
Skiffing, Marathon, A. R. A. Rules	Dittons Skiffing and Punting Club
Skiffing, Marathon, N. A. R. A. Rules	Weybridge R. C.
Canoe Paddling	H. Carter

Rugby Football

Inter-county	Gloucestershire
Oxford-Cambridge	Oxford, 10-3
Inter-services	Royal Navy
Inter-hospitals	St. Bartholomews
Scottish, inter-club	Dunfermline
Public-Schoolboys, North-South	Drawn
London, seven-a-side	London Welsh
Rugby League, professional	Swinton
Rugby League, Lancashire	Swinton
Rugby League, Yorkshire	Leeds
Rugby League, Challenge Cup	Halifax
Rugby League, Lancashire Cup	Salford
Rugby League, Yorkshire Cup	Huddersfield
Rugby League, Inter-county	Lancashire
Rugby League, top goal-kicker	James Sullivan, Wigan, 133

Shooting

BISLEY MEETING

King's Prize, service rifle	Sergt. A. G. Fulton
Silver Medal, service rifle	Sergt. A. G. Fulton
Bronze Medal, service rifle	Sergt. J. H. Regan, Canada
Grand Aggregate, service rifle	Sergt. J. H. Regan, Canada
Inter-services, service rifle	Army
Inter-services Twenty, service rifle	Royal Navy
Oxford-Cambridge, service rifle (Chancellor's Plate)	Cambridge
Oxford-Cambridge, snapshooting, service rifle	Oxford
Inter-county, service rifle	Sussex
Universities, snapshooting, service rifle	Oxford
Universities, service rifle	Edinburgh University
Public Schoolboys, individual, service rifle	Warren King, Imperial Service College
Public Schools, team, service rifle	Charterhouse School
Public Schools, snapshooting, service rifle	Trent College
Old Public Schoolboys, service rifle	Glenalmond
Inter-Hospitals, service rifle	Guy's Hospital
All-Comers Aggregate, service rifle	Deamond Burke, Canada
King's Gold Medal, service rifle (best shot in Home Army)	Lieut. E. J. C. King-Salter
Territorial Army Championship and Gold Medal	Lieut C. Burton-Brown
Queen Mary's Prize, service rifle	Lieut. W. Jagger
Championship Cup, service rifle	Lieut. W. Jagger
Prince of Wales's Prize, service rifle	Squadron Leader C. S. Richardson
St. George's Vase, service rifle	Squadron Leader C. W. Hill

Shooting—Continued

Wimbledon Cup, service rifle	Maj. P. S. Bapky
Roberts Challenge Cup, snapshooting, service rifle	H. M. S. Excellent
Donegall Badge, service rifle	Lieut G. Harrison
Service Rifle Association's Cup	Squadron Leader C. S. Richardson
Match Rifle Association's Cup	Maurice Blood
Oxford-Cambridge, match rifle (Humphrey Cup)	Cambridge
Albert Trophy, match rifle	Hon. John Fremantle
Hopton Aggregate, match rifle	Hon. John Fremantle
Whitehead Memorial, match rifle	A. E. Martin
Wimbledon Cup, match rifle	Hon. John Fremantle
Oxford-Cambridge, revolver	Cambridge
Inter-services, revolver (Whitehead Cup)	The Army
Revolver Aggregate, Gold Medal	Sergt. C. C. Willott
Grand Aggregate, small bore	E. O. Swanson, U. S. A.
Roberts Memorial, small bore (British Championship)	D. P. Pilling
Nobel Trophy, small bore	W. Wildgoose
Astor County Cup, small bore	Jersey
Scottish Gold Lion Badge, service rifle	Dr. Charles Robertson
Scottish Silver Lion Badge, service rifle	Leut. C. A. Sutherland
Scottish, Grand Aggregate, service rifle	Lieut. C. A. Sutherland
Clay Targets, men, sporting rifle	Guy Moreton
Clay Targets, women, sporting rifle	Mrs. H. Grosvenor
Clay Targets, Inter-County	Devonshire
Oxford-Cambridge, small bore	Oxford, 768-759
Imperial Challenge Shield, boys, senior, small bore	Abergavenny Company, 1st Monmouthshire Cadet Battalion, Church Lads Brigade
Imperial Challenge Shield, boys, junior, small bore	St. Willibrod's Academy Cadet Corps, Verdun, Canada
King's Trophy, boys, small bore	Canada
Lord Roberts Trophy, 1930, boys, small bore	Abergavenny Company, 1st Monmouthshire Cadet Battalion, Church Lads Brigade
Imperial Inter-county (B. S. A. Cup), small bore	Surrey

Skating

Amateur, speed	J. A. Brown
Professional competition, figures	H. Nicholson, Canada
Amateur figure, international style, singles, men	J. F. Page
Amateur figure, international style, singles, women	Miss M. B. Lay
Amateur figure, international style, pairs	Page and Miss E. Muckelt
Amateur figure, English style, singles	E. A. Johnstone
Amateur figure, English style, junior singles (Cobb Cup)	Mrs. E. R. Chaffin
Amateur figure, English style, pairs	H. Whitehurst and Miss K. M. Lovett
Amateur figure, English style, team	Wimbledon
Rollers, speed, amateur	J. Weatherburn
Rollers, figure, international style	H. L. White
Rink Hockey, inter-club	Herne Bay

Skiing

Men, straight run and slalom combined	W. R. Bracken
Men, straight run	W. R. Bracken
Men, slalom	W. R. Bracken
Men, long distance	Roger Bushell
Men, jumping	Colin Wyatt
Women, straight run and slalom combined	Miss Sale Barker
Women, straight run	Miss Sale Barker
Women, slalom	Miss Sale Barker
"No fall" championship, Wengen	C. E. Gardner
Roberts of Kandahar Cup	Peter Lunn
Alpine Ski-Club Cup, slalom	W. R. Bracken
Scaramanga Cup, roped pairs	H. Mitchell and Pelham Maitland
Public Schoolboys, roped pairs (Rugby Cup)	Peter Lunn and M. Thomas, Eton
Bernese Oberland Shield, team	Kandahar Club

Skittles

Amateur Skittles Association's Senior Cup	Tufnell Park

Squash Racquets

Men, amateur	F. Amr Bey, Egypt
Men, junior amateur (Drysdale Cup)	J. A. Gillies, Winchester
Men, open professional	Donald Butcher
Women	Miss C. Fenwick
Men-Women, handicap	Men
Inter-Club (Bath Club Cup) 1st division	Queen's Club
Inter-Club (Bath Club Cup) 2d division	Conservative Club
Inter-County	Kent
Inter-services	Army
Amateurs vs. Professionals, handicap	Amateurs
Oxford-Cambridge	Cambridge, 5-0
North of England	Dr. J. C. Gregory
South of England	V. A. Cazalet
Public Schoolboys	J. A. Gillies, Winchester
Public Schoolboys Handicap	J. A. Gillies, Winchester

Swimming

Swimmer of year, men	R. J. C. Sutton
Swimmer of year, women	Miss Joyce Cooper
Inter-Club, Southern Counties	Otter S. C.
Inter-club	Oldham Police
Oxford-Cambridge, men	Oxford, 18-13
Oxford-Cambridge, women, relay	Cambridge
Inter-County, mixed	Middlesex
Inter-Services	Army
Public Schools	St. Pauls
Schoolboys, team	Radford Boulevard School, Nottingham
Long distance, men	J. G. Hatfield
Long distance, women	Miss Joyce Cooper
Welsh, long distance, men	A. G. Watts
Welsh, long distance, women	Miss Gladys Vine-Jackman
Diving, men	C. D. Tomalin
Diving, women	Miss D. M. Leach
Plunging	A. E. Beaumont
North-South, mixed	North

Table Tennis

Men	A. Szadados, Hungary
Women	Miss V. Bromfield, London
Men, doubles	Szadados and G. Barna, Hungary
Women, doubles	Miss Wood and Mrs. Holt
Mixed doubles	S. Glanez, Hungary, and Miss Bromfield

Tennis

Open, singles	E. M. Baerlein
Amateur, singles	Lowther Lees
Amateur, doubles, inter-club	Manchester (Baerlein and Lees)
Oxford-Cambridge, singles	Cambridge, 2-0
Oxford-Cambridge, doubles	Cambridge, 1-0
Marylebone Cricket Club's Gold Prize	E. M. Baerlein
M. C. C. Silver Prize	Lord Aberdare
M. C. C. All-comers competition	Ronald Aird
Professional handicap	E. J. G. Johnson

Tobogganing

Cresta Run, Mrs. Heaton Cup	T. Heaton
Cresta Run, Curzon Cup	J. S. Coats
Cresta Run, Carlton Cup	T. Heaton
Cresta Run, Lady Ribblesdale Cup	R. O. Lawson
Cresta Run, Macklin Cup	M. Garnham

Water Polo

Oxford-Cambridge	Cambridge, 3-2
Inter-county	Essex
Inter-county, women	Middlesex-Essex
Inter-club	Plaistow United
Inter-services	Royal Navy

Wrestling

Oxford-Cambridge, ju-jitsu	Cambridge, 5-2
Ju-Jitsu	James Hipkiss
North-South	North

Yachting

Transatlantic Race	R. J. Stephens in "Dorade," U. S. A.
Fastnet Cup	R. J. Stephens in "Dorade," U. S. A.
Most prizes during year	Sir Thomas Lipton's "Shamrock V"
Most first prizes during year	Sir Thomas Lipton's "Shamrock V"
King's Cup, Cowes	Sir Thomas Lipton's "Shamrock V"
Prince of Wales Cup (14ft. dinghies), Lowestoft	Norman Giles in "Catherine"
Oxford-Cambridge	Cambridge
Inter-Hospitals	London Hospital
Public Schoolboys (X O D class)	N. S. Robinson, King Edward's School Southampton in "Palassie"
Eight meters championship, Gold medal, Solent classes	W. H. Dowman's "Cutty"
Six meters championship, Solent class	F. A. Richard's "Fiima"
Thames Sailing Barges, river class (with bowsprit)	"Sira" owned by F. T. Everard & Sons
Thames Sailing Barges, river class (with staysail)	"Fortis" owned by T. Scoley & Co.
Thames Sailing Barges, coasting class	"Redoubtable" (S. W. Horlock)
Channel race	R. T. Nixon's "Lady Maude"

Hitchcock Is Still U. S. Polo King

Special from Monitor Bureau

NEW YORK, Jan. 7—Thomas Hitchcock Jr. is still the king of American polo. In fact, he reigns more alone than ever, as the result of the annual meeting and rearrangement of handicaps of the United States Polo Association, held yesterday at the Racquet & Tennis Club. He remains at 10 goals, while the two men who were closest to him, formerly listed at 9, were reduced. These were W. F. C. Guest and Eric C. Pedley, and they are now back with Elmer J. Boeseke Jr. and Cecil Smith at 8.

Others to be lowered include Earle A. S. Hopping, 8 to 7, and James P. Mills, Stephen Sanford, J. Watson Webb, and Robert E. Strawbridge Jr., 7 to 6. Stewart B. Iglehart, Devereux Milburn, Harold E. G. Talbott Jr., and H. W. Williams, remain at 7, while the first promotions bring Michael G. Phipps, Seymour H. Knox, and Lindsay Howard, a rising young Californian, to 6 in place of 5.

Other well-known internationalists to be lowered include W. Averill Harriman and J. D. Richards, 5 to 4. G. H. Bostwick remains at 6.

J. Watson Webb, chairman of the handicap committee, made the recommendations which were ratified by the meeting, and the committee was continued for another year.

The following officers and Executive Committee were elected to serve for one year: Louis E. Stoddard, chairman; J. Ford Johnson Jr., honorary secretary; George H. Mead, honorary treasurer; and F. S. O'Reilly, secretary and treasurer.

The following will serve on the executive committee for terms as indicated: The chairman, ex-officio, one year; the honorary secretary, ex-officio, one year; the honorary treasurer, ex-officio, one year. W. A. Harriman, to serve until January, 1935; Devereux Milburn, to serve until January, 1935; Earle H. Reynolds, to serve until January, 1935; R. E. Strawbridge Jr., to serve until January, 1935. Maj. Horace H. Fuller will cover resignation of Lieut.-Col. Adna R. Chaffee, whose term of office expires in January, 1934.

The leading players, with their handicaps, follow:

Ten Goals—Thomas Hitchcock Jr.

Eight Goals—E. A. S. Hopping, Stewart B. Iglehart, Devereux Milburn, Gerald Balding, Arthur P. Perkins, J. C. Rathborne, Aidan Roark, H. W. Williams.

Six Goals—J. P. Mills, Stephen Sanford, J. W. Webb, R. E. Strawbridge Jr., M. G. Phipps, Seymour H. Knox, Lindsay Howard, Rodman Wanamaker, H. E. Talbott Jr., W. S. Tevis Jr., Malcolm Stevenson, L. E. Stoddard, H. C. Phipps, E. W. Hopping, Harry East, W. F. Dillingham, J. W. Colt, J. Cheever Cowdin, C. C. Crawford, Carleton F. Burke, G. H. Bostwick, and Edward Baldwin.

Two Leaders Climb Higher in Class C

METROPOLITAN SQUASH RACQUETS CLASS C TEAM STANDING

GROUP ONE

	R'nds W	R'nds L	M'tch's W	M'tch's L	P. C.
Montclair A. C.	5	0	23	2	1.000
Heights Casino	5	0	22	3	1.000
Down-Town A. C.	3	2	15	10	.600
Englewood Field C.	1	3	6	14	.250
Plainfield C. C.	1	3	7	13	.250
Staten Island C.	1	4	5	20	.200
Park Avenue S. C.	0	4	4	16	.000

GROUP TWO

	R'nds W	R'nds L	M'tch's W	M'tch's L	P. C.
Harvard Club	5	0	21	4	1.000
Yale Club	5	1	20	10	.833
Princeton Club	4	2	22	8	.667
University Club	3	3	15	15	.500
Racquet & Ten. C.	3	3	9	21	.500
Rockaway H. C.	1	4	7	18	.200
Union League C.	1	4	7	18	.200
Nassau C. C.	0	5	6	19	.000

Special from Monitor Bureau

NEW YORK, Jan. 7—Montclair Athletic Club and Heights Casino climbed still higher in their duel for the lead of the first group in the Metropolitan Squash Racquets Class C team championship yesterday, when the semifinal round was played, with the group championship depending on their encounter next week. Montclair A. C. defeated Down-Town Athletic Club on the courts of the latter, 4 to 1, while Heights Casino took all five matches from Park Avenue Athletic Club on the Casino courts. The third match in the group, between Englewood Field Club and Plainfield Country Club was unplayed.

In the other group, Harvard Club is still the only one unbeaten, defeating Princeton Club, 3 to 2, on the Harvard Club courts, while Yale Club, by a 3-to-12 victory over Rockaway Hunting Club, took second place. Union League Club scored its first victory, by defeating Nassau Country Club, 4 to 1, and Racquet and Tennis Club prevailed over University Club on the courts of the latter, also 3 to 2.

BALDWIN STARS AS CRIMSON SIX WINS

The Harvard varsity hockey team scored an easy victory over the St. Mary's College sextet from Winona, Minn., at the Boston Garden Wednesday, 11 goals to 2. The game became slow and one-sided after the first period, as the St. Mary's team lacked sufficient spares and the regulars tired quickly.

Harvard took only a lead of 2 to 1 in the first period, finding it difficult to pass Almquist, goalie and captain of the visitors. The Crimson attack functioned in the second period, however, and seven goals were registered while the losers were held scoreless. The final session found the Crimson again leading the goal-making, 2 to 1.

Ian Baldwin '33, Crimson left wingman, led his team's attack with five goals, three of them unassisted. W. H. Crosby '32 had two goals, while W. Barry Wood Jr. '32 scored one goal and had three assists. The summary:

HARVARD — ST. MARY'S
Baldwin, Crosby, lw...rw, Howden, Hume, Kluborg
Wood, Putnam, c...c, Bujoid, Hume
Cunningham, Saltonstall, rw...lw, E. Prelisnisk, Bujoid
Palmer, Martin, ld...rd, Lynch, Hume
McGregor, Gleason, Pell, rd...ld, L. Prelisnisk, Lynch
deGive, Ware, g...g, Almquist

Score—Harvard 11, St. Mary's 2. Goals—Baldwin 5, Crosby 2, Palmer, Martin, Wood and Pell for Harvard; Bujoid and Howden for St. Mary's. Assists—Wood 3, Saltonstall 2, Cunningham and Putnam for Harvard; L. Prelisnisk for St. Mary's. Referees—Cleary and Mooney. Time—Three 20m. periods.

WASHINGTON BUYS DELANEY

BALTIMORE, Md., Jan. 7 (AP)—Sale to the Washington Senators of Mike Delaney, right-hand pitcher of the Youngstown (Ohio) club of the Middle Atlantic League, has been announced by Joe Cambria of Baltimore, owner of the Youngstown franchise. The price was not announced.

CHICAGO MOVES UP IN STANDING

Victory Over Detroit, 4-2, Gives Black Hawks Second Place in Division

NATIONAL HOCKEY LEAGUE STANDING

AMERICAN DIVISION

				Goals		
	Won	Tied	Lost	For	Agst	Pts
Rangers	13	5	2	59	28	31
Chicago	7	7	6	31	38	21
Boston	7	6	5	52	37	20
Detroit	6	3	11	32	53	15

CANADIAN DIVISION

Toronto	9	5	7	59	48	23
Canadiens	8	3	9	40	47	19
Americans	6	6	9	31	48	18
Montreal	5	3	12	54	61	13

RESULT JAN. 6

Chicago 4, Detroit 2.

Special from Monitor Bureau

CHICAGO, Jan. 7—A two-goal rally in the last two minutes earned a 4-to-2 victory for the Chicago Black Hawks over the Detroit Falcons in a National Hockey League game at the Chicago Stadium here last night, and lifted the locals to second in the American division. Vic Ripley scored the Hawks' third goal after 18 minutes of the final period, taking a pass from Lola Couture and angling it off Connell's right shin guard.

Lowrey made it good measure with another goal a minute later on a passing combination involving Thompson. Other scoring was done by Cook on a pass from March and by Ingram, unassisted, in the second period. Lewis and Smith coöperated on the second-period goal for Detroit, while Emms was helped by Carson and Goodfellow on the other in the third period. The summary:

CHICAGO — DETROIT
Thompson, Adams, Gottselig, lw...rw, Carson, Aurie, Cooper
Lowrey, Cook, Ripley, c...c, Smith, Goodfellow, Lewis
Ingram, March, Couture, Holmes, rw...lw, Emms, Kilrea, Sorrell
Abel, Boucher, ld...rd, Noble
Wentworth, Graham, rd..ld, Young, Smith
Gardiner, g...g, Connell

Score—Chicago Black Hawks 4, Detroit Falcons 2. Goals—Cook, Ingram, Ripley, Lowrey for Chicago; Lewis, Emms for Detroit. Assists—March, Couture, Thompson for Chicago; Smith, Carson, Goodfellow for Detroit. Deferees—R. W. Hewitson, Toronto, and G. N. Goodman, London, Ont. Time—Three 20m. periods.

ALLEN AND RUDOLPH HOLD THEIR LEAD

NEW YORK, Jan. 7 (AP)—Bennie Allen of Kansas City and Erwin Rudolph of Cleveland held their lead in the New York State pocket billiard tournament today, each without a defeat. Allen has won five games and Rudolph four.

Allen last night disposed of Marcel Camp of Detroit, 125 to 33 in 14 innings, and Rudolph defeated Joseph Procita of Gloversville, N. Y., 125 to 58 in 7 innings.

In the afternoon matches Andrew Ponzi of Philadelphia defeated George Kelly, also of Philadelphia, 125 to 72 in 14 innings and Onofrio Lauri of Brooklyn won from Thomas Heuston of Detroit, 125 to 89 in 12 innings.

The schedule for today brings Camp against Procita and Lauri against Kelly in afternoon matches and Kelly against Procita and Rudolph against Camp at night.

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CHANNING POLLOCK'S Great Play
with MARY PHILIPS and JAMES BELL
"THE House Beautiful"

ANOTHER DAY OF ADVANCING STOCK PRICES

Strength of Rails Lends Encouragement to Rest of List

NEW YORK, Jan. 7 (AP)—Stocks advanced in more active trading today. Profit-taking sales checked the rise now and then, but the tone was strong. The rails were active in the advance.

Leaders up 2 to 3 points included U. S. Steel, American Can, Santa Fe, New Haven and New York Central.

Virtually all prominent issues showed gains of at least a point. The call money rate was reduced to 2½ per cent, lowest since Dec. 18, in the afternoon. Sales approximated 2,100,000 shares.

While railroad leaders point out that real improvement in revenues must await a revival of general business activity, it was stated in important banking quarters that possible railroad financial crises which had caused considerable worry now seemed definitely averted.

With the Railroad Credit Corporation already set up, the Reconstruction Finance Corporation expected to be shortly authorized, and the prospect of a general wage reduction, it was felt that the position of the carriers was being impressively bolstered.

Sloan's Remarks Encouraging

While Wall Street feels that further dividend paring is in store, some of its worries on that score were quieted by the remarks of Mr. Alfred P. Sloan Jr., president of General Motors, in an address in Boston. Mr. Sloan felt that the rights of the stockholders justified the drawing upon large surpluses for the maintenance of dividends in lean times.

Mr. Sloan's expression of opinion that prices must be stabilized by the broadening of the credit base, "without in any sense departing from present monetary standards," aroused considerable interest. It was pointed out that the Reconstruction Finance Corporation is one agency which might provide such credit expansion. Mr. Sloan's remarks recalled the program advanced by Dr. Warren Persons for "credit expansion on a gold base."

Further private banking advices from abroad tended to bear out yesterday's reports of progress toward a Franco-British understanding on German credits and reparations, although in one important banking quarter it was said that tentative agreements thus far appeared to be merely "in principle," and that final solution might require considerable time and patience.

Bonds Generally Strong

Bonds generally continued their advance today, although profit-taking tended to retard some issues from increasing their gains immoderately.

The United States Government list was inclined to recover some of its recent losses. Liberty bonds were easy, but most of the treasuries brought higher prices.

German Government obligations still were the feature of the market with the 5½s adding to their gains of yesterday under the heaviest trading in the foreign category.

Belief persists among many dealers that the English and French have virtually agreed upon a three-year moratorium for reparations. This report benefited the entire foreign section.

Low priced corporation issues and stock privilege bonds attracted considerable attention and higher prices were the rule. Liens of Baltimore & Ohio, Chicago & Northwestern, Chicago, Milwaukee & St. Paul, Erie, Missouri Pacific and Nickel Plate recorded gains.

In the utilities American Telephone, International Telephone and Postal Telegraph loans were favored. Industrials such as Armour & Co., 4½, Shell Union Oil 5s, and International Match 5s extended their gains.

NEW YORK COTTON

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Last	Net Chg
January	6.38	6.38	6.32	6.35	+.05
March	6.49	6.50	6.38	6.38	—.01
May	6.65	6.66	6.52	6.53	—.03
July	6.85	6.85	6.71	6.71	—.04
October	7.07	7.07	6.94	6.95	—.02
December	7.20	7.20	7.09	7.09	—.03

Spots 6.45, unchanged. Tone at close easy.

Chicago Cotton

	Open	High	Low	Last	Net Chg
January	6.40b	6.40b	6.40b	6.40b	+ .05
March	6.57	6.57	6.50	6.50	..
May	6.73	6.74	6.67	6.67	..
July	6.90	6.91	6.83	6.83	..
October	7.11	7.11	7.06	7.06	—.01

b—Bid. Tone at close quiet.

New Orleans Cotton

	Open	High	Low	Last	Net Chg
January	6.37	6.37	6.30	6.25b	—.01
March	6.49	6.49	6.38	6.38	—.01
May	6.65	6.65	6.54	6.54	—.02
July	6.81	6.82	6.71	6.71	—.01
October	7.00	7.00	6.91	6.91b	—.01
December	7.16	7.16	7.16	7.05b	—.04

b—Bid. Tone at close quiet.

Liverpool Cotton

	Open	High	Low	Last	Net Chg
January	5.01	5.04	5.01	5.01	+.04
March	4.99	5.01	4.98	4.99	+.04
May	4.99	4.99	4.97	4.97	+.05
July	4.97	4.99	4.96	4.96	+.04
October	5.01	5.03	5.01	5.01	+.04
December	5.09	5.09	5.06	5.06	+.03

Spots 5.39, up 11 points. Tone at close, quiet but steady. Sales, 1000; American, 100.

Wool Top Futures

	Open	Last	Net chg.
September	....	68.00	...
December	68.50b	68.50b	+.50
January	68.00b	69.50	+1.50
February	68.00b	68.00	...
March	68.00b	68.50	...
April	68.00b	68.00	...
October	67.50b	67.50b	—.50
November	67.50b	67.50b	—.50

b—Bid. Tone at close, quiet.

STEEL TONNAGE DROP MAY END

Wall Street believes the long string of decreases in U. S. Steel Corporation's monthly unfilled tonnage figures may end with the December statement, to be released on Saturday. If any increase is shown, it will doubtless be small, and due to year-end book adjustments.

REVERE COPPER & BRASS

The Revere Copper & Brass Company announced today that no action has been taken on the preferred dividend, payable Feb. 1, and no meeting has yet been called to consider it.

LOBLAW GROCETERIAS COMPANY

TORONTO, Jan. 7—Loblaw Groceterias Company, Ltd., reports for four weeks ended Dec. 12, net of $97,539 after charges, compared with $104,160 the like period of 1930. Net for 28 weeks ended Dec. 12 was [illegible]11,395, compared with $543,778.

NEW YORK STOCK MARKET

Closing Prices

MARKETS AT A GLANCE

By the Associated Press

NEW YORK

Stocks: Strong; rails lead broad advances.

Bonds: Strong; rails lead rally.

Curb: Firm; oils improved.

Foreign Exchanges: Firm; sterling strong.

Cotton: Steady; higher cables; trade buying.

Sugar: Easy; easier spot market.

CHICAGO

Wheat: Firm; further good export sales, smaller Black Sea shipments.

Corn: Steady; improved cash trade; firmness Buenos Aires.

Cattle: Steady to lower.

Hogs: Steady to higher.

FOREIGN

LONDON—Prospects of international coöperation in regard to reparations and war debts and more favorable American advices were responsible for further improvements in most sections on the stock exchange today. Investors supported industrials, bank shares and metal shares, while gilt-edged securities rose on the recovery in sterling.

PARIS—Trading on the Bourse was encouraged by the better tone in Wall Street and higher metal prices in London. After some profit-taking the market became quieter but advances were well maintained and the closing was firm.

BERLIN—Boerse closed.

GOLD PRODUCTION SHOWS INCREASE OVER 1930 OUTPUT

WASHINGTON, Jan. 7 (AP)—Gold produced in the United States in 1931 totaled 2,365,881 ounces, worth $48,907,100. Silver production was 30,967,618 ounces, worth $8,980,609.

The director of the mint announced that the 1931 gold production was an increase of $2,755,300 compared with 1930. Silver production dropped 17,670,180 ounces.

The 1931 silver production was valued at 29 cents an ounce, the average New York price of bar silver.

California produced the largest amount of gold with 510,235 ounces, worth $10,547,500. Alaska was second with 451,126 ounces, worth $9,325,600.

Utah led in silver production with 8,173,203 ounces, worth $2,370,229. Idaho was second with 7,389,633 ounces, worth $2,142,994.

GENERAL AMERICAN INVESTORS

General American Investors Company, Inc., reports as of Dec. 31, 1931, net resources, before deducting the outstanding debentures, of $16,751,487, taking securities owned at market value. The company had in cash, and short-term U. S. Government or municipal obligations, $8,906,326 or about 53 per cent of net assets. Net income after the payment of all expenses and interest on the debentures was $53,056, which covered, with a small margin, the dividends on preferred stock. Net loss on securities sold during the year amounted to $3,628,129 and the unrealized depreciation in the value of securities owned on Dec. 31, 1931, as compared with cost, was $2,183,586 greater than the unrealized depreciation on securities owned on Dec. 31, 1930.

BRITISH SYNDICATE IN NEW YORK

A British syndicate headed by Lord Southborough has signed a long-term contract to lease an entire six-story building to be erected in the Rockefeller mid-town development in New York City, popularly known as Radio City. The lease will mean the entry of several British business houses and financial institutions into the New

ELECTRIC POWER OUTPUT OFF

The 4 per cent drop in electric power output last year was mainly the result of decreased industrial activity. Domestic consumption held up well, showing increases in many districts. Utility executives consider the year's output figures favorable in view of the very sharp recession in business.

FORD REOPENS PLANT

LOS ANGELES, Jan. 7—Following a week's shutdown to check up on inventory the Long Beach assembly plant of Ford Motor Company will resume operations Monday, Jan. 11. About 200 to 250 men will be affected.

KRESS COMPANY SALES OFF

S. H. Kress & Company December sales were $11,221,097, or 7 per cent below the same month of 1930. Sales for the year were $69,041 925, off 0.03 per cent.

MANHATTAN SHIRT PROFIT

Manhattan Shirt Company reports for year ended Nov. 30 net profit of $102,312 after interest, etc., compared with $296,826 in the preceding fiscal year.

National City Bank Upholds Gold Standard

NEW YORK, Jan. 7—Facts are given in this month's National City Bank Review upholding the maintenance of the gold standard in the United States. It makes the statement that "in domestic business transactions 90 per cent or more is settled by the clearing process, and this method is still more important in international business where payments in gold affect exchange charges, prices and credit conditions."

The necessity of the gold standard is shown, as the review states that "if all countries should leave the gold standard and use paper currencies having no fixed relations to each other, international trade would be in a state of chaos, and domestic trade would be in almost as great confusion. In truth, the situation would be intolerable.

"Most of the persons who seem readily disposed to try the experiment of cutting loose from the gold standard for a little flier in inflation, apparently have no conception of the confusion and disaster which might result. They know the terrible experience of Europe with inflation after the war, but doubt that anything like that could happen to the United States."

Citing the rather violent fluctuations of the British pound sterling following the abandonment of the gold standard, the review points out:

"The effect of such fluctuations in the value of a country's money cannot be other than harmful. It is true that a depreciating currency makes for rising prices, but if a currency depreciates constantly it becomes worthless, and if it constantly fluctuates up and down it makes all business a gamble.

"All countries want the price level raised, but common sense dictates that a higher price level would be a poor swap for chaos in monetary systems and therefore in all business. Inflation is never a way out; it is only a way in."

VICK FINANCIAL CORP. EARNINGS

NEW YORK, Jan. 7—Report of Vick Financial Corporation for the year ended Dec. 31, 1931, states book value of the common stock, with investments valued at closing prices at Dec. 31, last, except investment in corporation's common stock, which is valued at cost, was $5.77 a share, compared with $7.58 on June 30, 1931, and $7.38 on Dec. 31, 1930.

For the year ended Dec. 31, 1931, profit was $348,376 after expenses and taxes, but exclusive of profits and losses from sale of securities, which were carried to reserve for investment depreciation account. In 1930 the company reported net profit of $427,895, after expenses, interest, federal taxes and loss of $81,197 on sale of securities. Capital stock consists of 1,166,900 issued shares par $5.

CHICAGO BOARD

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Close	Net Chg
Wheat					
March	.56⅛	.56½	.55¾	.56¼	+⅜
May	.57¼	.58	.57⅛	.57⅞	+⅝
July	.56¾	.57⅞	.56⅝	.56⅞	+⅝
September	.57¾	.58½	.57⅛	.58	+⅛
Corn					
March	.39⅞	.40⅜	.39⅝	.40	+¼
May	.41⅛	.41⅞	.41⅛	.41⅜	+⅜
July	.43⅛	.43⅜	.42⅞	.43⅜	+¼
September	.44	.44½	.43⅝	.44	..
Oats					
May	.26⅝	.26¾	.26⅜	.26½	—¼
July	.26	.26¼	.25⅞	.25⅞b	....
Lard					
May	5.37	5.40	5.35	5.40	+.03
March	5.22	5.27	5.20	5.25	+.03
January	5.07	5.07	5.07	5.07	+.02
July	5.50b	5.50b	5.50b	5.50b	+.05

b—Bid.

RADIO-KEITH-ORPHEUM

Full-paid and part-paid certificates representing subscriptions for Radio-Keith-Orpheum Corporation debentures and the accompanying shares of common stock are now ready for delivery at the office of Lehman Brothers, 1 William Street, New York, N. Y.

LEAD STOCKS LARGER

Stocks of lead at refiners and smelters in the United States amounted to 210,434 short tons (2000 pounds) on Dec. 1, against 209,912 tons on Nov. 1 and 145,011 tons on Dec. 1, 1930, according to American Bureau of Metal Statistics.

1931 Range High	1931 Range Low	Div. in $		Sales	High	Low	Last Jan.7	Last Jan.6
120¼	92	6	Pub Serv 6%	200	96½	96	96	95⅛
107¼	87¾	5	Pub Serv E&G pf	100	89	89	89	..
58½	15¼	3	Pullman	4200	19	16⅜	18	16⅜
2	¼	..	Punta Alegre Sug	400	⅝	⅝	⅝	..
11⅞	3¼	..	Pure Oil	800	4⅝	4¼	4⅝	4¼
101⅞	53½	8	Pure Oil pf	30	59	59	59	58
55¼	10¾	2	Purity Bakeries	5500	14¼	12¼	13¼	12¼
			—R—					
27½	5⅛	..	Radio Corp Amer	24300	6¼	5¾	6⅛	5⅞
55	20	3.50	Radio pf A	100	26	26	26	25
60	9½	..	Radio pf B	2300	12⅛	11⅝	12⅜	11⅛
24½	¾	..	Radio-Keith-O	600	3½	3¼	3½	3
97½	30	2	Reading	200	34½	34½	34½	..
30⅞	1¾	..	Real Silk Hosiery	100	2⅝	2⅝	2⅝	..
19¾	1⅞	..	Remington Rand	200	2½	2⅜	2½	2⅛
88	6¼	..	Rem Rand 1pf	100	10⅛	10⅛	10⅛	..
10⅛	3	.40	Reo Motors	700	3¼	3	3¼	3⅛
25⅜	4⅛	..	Republic I & S	4300	5¼	4¾	5	5
54	8⅛	..	Repub I&S pf	400	11⅞	11¾	11¾	11
22¾	7	1.50	Reynolds Metal	200	8¾	8	8¾	..
6⅜	⅜	..	Richfield Oil	100	⅝	⅝	⅝	⅝
10¼	1¼	..	Rio Grande Oil	1000	2¼	2	2¼	2
41¾	5¾	..	Ritter Dental M	100	7¼	7¼	7¼	..
26	3¼	..	Rossia Ins Co Am	200	4¾	4¼	4¾	..
42⅝	13	..	Royal Dutch	200	14½	14¼	14½	14½
31¼	7	..	Rutland RR pf	100	7	7	7	..
			—S—					
69½	38⅝	5	Safeway Stores	800	44	43	43¼	42⅝
97⅞	63¼	6	Safeway S 6%	20	72¼	72¼	72¼	72
108½	71	7	Safeway S 7%	90	83	79¼	83	78½
30⅝	7	.60	St Joseph Lead	600	10	9	10	8⅞
62¾	3	..	StL & SF	500	4¼	3⅝	3⅝	3½
76	4¼	6	StL & SF pf	600	6⅜	5¼	6	5
20¼	3⅝	..	Savage Arms	100	4	4	4	..
1⅜	⅛	..	Seaboard Air L	2600	¼	¼	¼	¼
2⅛	⅛	..	Seaboard A L pf	100	⅜	⅜	⅜	⅜
20¾	5½	..	Seaboard Oil	1000	8⅜	7⅜	7⅜	7½
63¼	30¼	2½‡	Sears Roebuck	8500	33⅞	32⅛	33	32⅜
11¾	3½	..	Servel Inc	300	4¾	4¼	4½	4⅝
29½	8¼	1½	Shattuck (FG)	900	9⅞	9¼	9½	9¾
10¼	2½	..	Shell Union Oil	2000	3½	3⅜	3½	3¼
78	15	..	Shell Un Oil pf	400	21	20½	21	20¼
9¾	⅛	..	Shubert Theater	100	⅜	⅜	⅜	¼
23¾	6⅞	..	Simmons	400	8	7¾	9	7¾
11	3½	..	Simms Petroleum N	300	5⅛	4¾	5	4⅝
15⅞	4⅛	..	Sinclair	16900	7⅛	5¼	6¼	5¼
12⅞	2	..	Skelly Oil	100	3¼	3¼	3¼	..
62	10	..	Skelly Oil pf ww	100	14⅛	14⅛	14⅛	..
21	8⅝	1	Socony Vac	5100	9¾	9⅛	9½	9⅛
54½	28⅝	2	So Calif Edison	800	31⅜	30½	31	30¼
109½	26¾	4	Southern Pacific	15900	30½	28¼	29	28⅛
17½	6¾	6	So P Rico Sugar	200	8	7¾	8	7½
65⅞	6⅜	..	Southern Ry	3200	10⅛	8⅜	9	8⅝
83	10	..	Southern Ry pf	400	15	14⅛	15	12½
115½	94	7	Spalding pf	30	94	94	94	94
13⅝	2	..	Sparks Withming	400	3⅛	2¾	3	..
20¼	10¼	1.20	Stand Brands	11600	13⅜	12⅝	13⅜	12⅝
86⅝	25⅛	3.50	Stand Gas & El	5600	30½	28½	29¾	28⅝
64⅞	29⅞	4	Stand G&E pf	800	36½	36¼	36½	35
109¾	55	7	Stand G&E 7%	100	69	69	69	65
51⅜	23⅛	2.50‡	Stand Oil Calif	3700	25⅝	24⅝	24⅞	24½
90⅝	87½	5	Stand Oil Ex pf	500	88¼	88	88¼	..
14	7¼	..	Stand Oil Kan	100	9	9	9	9⅜
52¼	26	2	Stand Oil NJ	16400	28⅜	27⅛	28	27½
34¼	6	.80	Starrett Co	100	6⅞	6⅞	6⅞	6⅞
9¾	1⅜	..	Sterling pf	300	2¼	2	2¼	..
40	16⅛	..	Sterling cv pf	100	20½	20½	20½	21
21⅞	4⅝	..	Stewart Warner	1500	5⅝	5⅜	5½	5⅛
54½	9⅞	2	Stone & Webster	2700	11¼	10⅜	10⅜	9⅞
28	9	1.20	Studebaker	2200	12⅛	11⅛	11⅛	11¼
118¼	75	7	Studebaker pf	290	95	95	95	..
45½	20¾	1‡	Sun Oil	100	24½	24⅛	24½	24
104½	75	6	Sun Oil pf	10	74	73	73	..
1¾	¼	..	Superior Oil	300	⅜	⅜	⅜	..
18⅞	2⅞	..	Superior Steel	300	5	4⅝	5	..
			—T—					
36¼	9⅞	2	Texas Corp	6200	12⅞	12½	12¾	12⅛
55¾	19½	3	Texas Gulf Sul	7200	23⅞	22	23¼	22½
6½	1⅝	..	Texas & Pac Coal	100	2¼	2¼	2¼	..
17⅞	4⅛	..	Texas & U Land	1500	5⅝	5	5½	5
9	1½	..	Thermoid	300	2⅛	2	2⅛	..
15¼	3½	..	Third Ave Ry	100	3⅜	3⅜	3⅜	..
27	11¼	1.05	Third Nat Inv	100	13⅛	13⅛	13⅛	11
8⅝	⅜	..	Thompson Star	100	1	1	1	..
83	30	5	Tide Water O pf	100	35⅛	35⅛	35⅛	..
9	2⅛	..	Tide Water Asso	2700	3¼	2¾	2⅞	2¾
68	20½	6	Tide Wat Asso pf	400	26¾	26¾	26¾	..
12	3½	..	Timken-Detroit	200	5	5	5	5
59	16½	2	Timken Roller	1200	19¼	18	19⅛	17⅞
18	2	..	Transamerica	39400	3½	2⅞	3⅜	2⅞
17½	2⅞	..	Transue & Wil	100	3¾	3¾	3¾	..
11¾	2	..	Tri Continental	6000	3⅛	3	3	3¼
94¼	36½	6	Tri Cont pf	100	47½	47½	47½	45
10	1	..	Truax Traer Coal	100	1¾	1¾	1¾	..
17⅞	2	..	Twin City R T	100	2½	2½	2½	2¼
			—U—					
21¾	2	..	Ulen & Co	100	2¾	2¾	2¾	..
75⅜	13⅞	3	Underwd El Fish	400	19	18	19	17
14¼	5	..	Union Bag & P	100	7½	7½	7½	..
72	27⅛	2.60	Union Carbide	17600	31½	30	30½	30
26⅝	11	2	Union Oil Calif	1600	13⅞	13¼	13½	13¼
205⅛	70⅛	10	Union Pacific	5300	75½	70½	74	70½
38⅞	9⅞	..	United Air & Tr	13200	11¾	11⅛	11½	11⅛
61¼	40	3	United A&T pf	100	41¾	41¾	41¾	41¾
27½	5	..	United Am Bosch	200	6⅛	6⅛	6⅛	..
28¾	6⅛	..	United Carbon	200	10½	10	10½	..
31¼	7½	.75	United Corp	23500	9⅜	9	9	9
52⅛	26⅛	3	United Corp pf	2200	38¼	35	37	35
12	3	..	United El Coal	100	3	3	3	..
67¾	17½	3	United Fruit	1800	23½	22	22¼	22
37⅛	15⅜	1.20	United Gas & Im	12500	19⅜	18⅝	18⅞	18¾
106¾	83	5	United GI pf	200	90	89	89	..
12½	1⅞	..	US & For Sec	1800	3	2½	3	2½
50	14½	1.60	US Gypsum	700	21¼	20	21	20
77⅜	20⅜	..	US Indus Alco	6700	27	25¼	25¼	26¼
10¾	1⅝	..	US Leather	400	2¼	2¼	2¼	2½
15⅞	3¼	..	US Leather A	100	4½	4½	4½	4½
37⅞	10	2	US Pipe & Fdry	400	11⅝	11¼	11½	11
36¾	5½	..	US Realty	500	6¾	6⅜	6¾	6½
20⅜	3½	..	US Rubber	400	4½	4¼	4⅜	4⅛
36⅛	6⅛	..	US Rubber 1pf	200	9¼	8¾	8¾	9¼
25¾	12⅜	1	US Smelt R & M	1200	16¼	15½	16	15¾
152⅜	36	4	US Steel	134200	41⅞	39½	40¾	39½
150	94	7	US Steel pf	600	105½	104⅛	105¼	104½
57½	24	8	Univ Pictures pf	10	38	38	38	..
31	7⅞	2	Utilities P&Lt A	3700	9½	9	9⅜	9¼
			—V—					
76⅜	11	..	Vanadium	2600	14¼	13½	13½	13¼
109	81	6	Va El & Pow pf	90	84¼	83½	83½	84
71⅜	20¼	4*	Vulcan Detin	70	25¼	25	25¼	24½
			—W—					
26	⅞	..	Wabash RR	400	1⅜	1	1⅜	1
51	1½	..	Wabash pf A	400	2½	2½	2½	2⅛
27⅞	17⅜	1.50	Waldorf System	3200	15⅝	14¾	15¼	[illegible]
15	1⅛	..	Walworth	400	2½	2⅜	2½	2¼
20¾	2⅛	..	Warner Bros A	4700	3	2⅝	2¾	2½
46⅞	3¾	..	Warren Bros	1700	5¼	4½	5	4⅝
49⅞	12¼	3	Warren cv pf	10	15	15	15	..
26¼	12	2	Wesson Oil	400	15	14⅞	15	..
113½	88	6	W Penn El 6%	30	88	85	88	8.
120	93¼	7	W Penn Pw 7%	60	100	99¾	100	98
44½	8¼	..	Westn Dairy P A	100	12½	12½	12½	..
19⅝	5	..	Westn Maryland	2200	6¼	5⅜	5⅝	5⅛
20	5	..	Westn Md 2pf	300	6	6	6	..
14⅞	1¾	..	Westn Pacific	100	3½	3½	3½	2¼
31⅝	3	..	Westn Pac pf	300	4½	4	4½	..
150¾	38½	6	Westn Union	6600	40¼	38	38⅝	38½
36⅛	11	2	Westing Air Br	1500	13⅛	12¾	13	12⅝
107¾	22½	2½	Westing Elec	33600	25⅝	24¼	24⅝	24¼
40	7⅝	1.60	Westvaco Chlor	300	10	10	10	..
70	30	3	Wheeling Stl pf	100	31	31	31	31½
26¼	7⅜	..	White Motor	600	9½	9⅛	9½	8¾
47⅜	20	4¶	White Rock	100	22⅛	22⅛	22⅛	..
5	⅞	..	White Sew M	500	⅞	½	⅞	⅝
8	1¾	..	Willys-Overland	300	2⅜	2⅜	2⅜	2⅜
58¼	14½	..	Willys Over pf	100	17	17	17	..
51⅜	15	..	Wilson & C pf	100	18	18	18	..
72¾	35	4.40	Woolworth	23500	41⅛	39½	40½	39⅞
106⅞	15¼	..	Worthgton Pump	2400	20	18	18	18½
80⅜	46	4	Wrigley	500	53⅝	52	53	50
			—Y—					
30	8¼	1	Yale & Towne	100	9	9	9	..
15½	3	..	Yellow Truck	1600	3⅜	3½	3½	3¼

*Ex-dividend. †Ex-rights. ‡Ex-stock dividend. §Exclusive of stock dividend. ¶Exclusive of extras. aPayable in stock. bPayable in cash or stock. cPayable in scrip. dPaid in 1931. eLast payment.

Australia …….

for the

…….Investor

FEW COUNTRIES the world over are developing more rapidly or offer a greater field for the investor than sunny Australia.

Its industrial and financial legislation is of world-wide interest and of paramount importance to the investor or the potential investor overseas.

The ever widening field of those who have financial interests in Australia, whether they be investors in government securities or in trading stock; whether they be buyers or sellers in Australian markets, are vitally interested in Australia's finance from week to week.

They can best be kept in touch through the

Melbourne Herald

whose financial experts, Harold Burston and Desmond Byrne, rank with the leading financial authorities in the antipodes and are regarded as the foremost financial journalists of Australia.

Mr. J. A. Lyons, who has just been returned as Prime Minister with the most sweeping majority in the history of the Commonwealth, sent the following message to the people of Australia through the medium of the Herald news reel:

"During the election campaign I constantly emphasized the point that the policy of the United Australia party was designed to make Australia again an attractive and safe field for the investment of money. Private enterprise will now be given a feeling of security and this will stimulate employment."

Mr. J. G. Latham, his senior Minister, through the same medium, said:

"We realize that victory is only the beginning of our task. The new Government is pledged to the balancing of the budget and to the maintenance of a financial system which will give security, encouragement and hope to the private enterprise. The people, we believe, are already taking fresh heart. We, on our part, shall be mindful of the trust and responsibility imposed upon us, and our sole desire will be to bring a return of prosperity to our country."

Herald & Weekly Times, Ltd.
Melbourne, Australia

PULLMAN COMPANY LOSS

CHICAGO, Jan. 7—The Pullman Company, carrier subsidiary of Pullman, Inc., reported net loss of $295,979 for November, 1931, as compared with net loss of $46,739 for the similar month of 1930. November gross earnings were $4,238,364 compared with $5,304,725 the previous year. For the first 11 months of 1931 gross earnings from Pullman transportation operations were $45,705,471, compared with $70,816,524 in the like period of 1930, while net after taxes was $2,166,744, compared with $4,956 424 in 1930.

REPUBLIC STEEL AFTER SCRAP

YOUNGSTOWN, Ohio, Jan. 7—Republic Steel Corporation is in the market for 20,000 tons of iron and steel scrap, to be acquired in anticipation of early increase in melting at Youngstown and Warren open-hearth departments. The order, to be placed in a few days, will be the largest awarded in the Valley in many weeks.

MONTGOMERY WARD SALES DROP

CHICAGO, Jan. 7 (AP)—The 1931 sales of Montgomery Ward & Co., were $219,361,585, a decrease of $52,958,040 as compared with 1930, the company reported today. December sales were $21,899,269 in 1931, 23.62 per cent less than the previous year when the total was $28,672,184.

A Long-Expected

Answer

FINANCIAL leaders have predicted that sooner or later a new type of trust instrument would be created—more flexible than the old fixed trust, yet retaining its stabilizing features. That prediction has been fulfilled in "twin" trusts, NORTH AMERICAN TRUST SHARES, 1955 (Maximum Cumulation Type), and NORTH AMERICAN TRUST SHARES, 1956 (Maximum Distribution Type). ● Their portfolios are fixed to the extent that no substitution of stocks is permitted. Stocks may be eliminated from the portfolios, however, for any sound long-term investment reasons. A Research Department, headed by a noted economist, is continually engaged in studies of conditions affecting the investment standing of the 34 stocks underlying these trust shares. ● The investor receives the benefit of continuous expert supervision such as few investors can individually obtain. More than 1500 banks and security dealers recommend NORTH AMERICAN TRUST SHARES. Consult one of them today.

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REASONS GIVEN FOR CONFIDENCE

Business Head Points Out Many Factors Which Justify Optimism

Special from Monitor Bureau

CHICAGO, Jan. 7—Ten reasons why business men should view 1932 with "confidence, courage and optimism" were given by Mr. Samuel M. Hastings, newly elected president of the Illinois Manufacturers Association and a vice-president of the International Business Machines Corporation, in a new year statement.

In addition, Mr. Hastings said, "we are warranted in the assumption that the lessons learned during this period of business adversity combined with the stabilizing influences which have been at work for a period now of almost two years will within a reasonable length of time insure the return of prosperous business conditions."

Among the specific factors which justify confidence, Mr. Hastings said, are these:

1. The unusually low inventories in the hands of the great majority of producers, manufacturers, wholesalers and distributors.
2. Improved methods of distribution.
3. Low operating costs.
4. Probability of improvement in the status of the farmer through decreased production costs, aid from federal loan banks, lower prices for equipment and commodities he buys, greater rotation of crops resulting from the depressed condition of the last two years, application of elementary business management to the conduct of the farm.
5. Probability of improved condition of the railroads through necessary wage adjustments and federal aid from the proposed government reconstruction finance corporation.
6. Apparent willingness of Congress to avoid radical and economically unsound legislative panaceas for economic ills.
7. Sustaining influence of a strong Federal Seserve System.
8. Evidence that many basic raw materials will resist further price declines
9. Probability of release for circulation of a large portion of the frozen assets of closed banks through aid from the proposed government reconstruction finance corporation.
10. Widespread recognition on the part of all economic groups that the most effective palliatives for adverse economic conditions are application, courage and resourcefulness.

A great need in 1932, Mr. Hastings added, is economy in government, if permanent prosperity is to be assured.

See Brighter Skies For Auto Concerns

ONE of the activities showing signs of operating under brightening skies is the automobile industry. Four motor companies operating in Detroit report better production in December than in the like month of last year. Thear were the Buick Motor Company, Studebaker Corporation, Graham-Paige and the Hupp Motor Car Corporation. The Chevrolet Motor Company sold more cars in December than in any December in its history, the aggregate being 59,760.

Companies allied with the motor trade are also doing better. The Goodyear Tire & Rubber Company last week opened its Gadsden (Ala.) plant, affording employment for 1000 men. The Goodrich Company has started the new year by increasing operations at its big plant at Akron, Ohio, to five days from four. Other rubber concerns, such as Firestone and General Tire, report an improved outlook. The Bendix Aviation Corporation, an automotive and aviation accessory concern, is working at capacity.

GRAIN MARKETS AGAIN ADVANCE

CHICAGO, Jan. 7 (AP)—Best prices on wheat since a week before Christmas were reached today in connection with strength of Wall Street securities and with further export purchases.

Cables said European continental countries were buying wheat on a liberal scale. A leading Australian exporter was asserted to have sold 2,500,000 bushels of wheat in China.

Wheat closed unsettled, ½c to ⅞c above yesterday's finish, corn ⅛c to ⅜c up, oats unchanged to ¼c higher, and provisions varying from 5c decline to 12c advance.

BOSTON STOCKS

Sales		High	Low	Last Jan. 7	Last Jan. 6
15	Allied Kid	55	55	55	..
1419	Am T&T	116⅝	113¾	115	112¾
5	Amoskeag	3½	3½	3½	3¾
123	Bos El	75⅛	74½	75	74⅛
8	Bos & Alb	115	115	115	..
25	B&M B sta	24	24	24	..
15	B&M pr pf	51	48	51	..
200	Cr C & Int	1⅛	1⅛	1⅛	..
45	East SS	7½	7½	7½	..
18	E G&F pf	62	62	62	62
50	E G&F prpf	60	60	60	59½
83	Edison Elec	192	186	190	185
230	Em Asso	8	8	8	8½
45	First Nat S	47⅞	45⅞	47⅞	44⅞
50	Gen Capital	17	17	17	15½
200	Gen Elec Sp	11	11	11	..
16	Gilchrist	5	5	5	5
10	Hathaway B	6	6	6	..
110	Jenk Tel	1½	1⅜	1½	..
20	Me Cent	15	15	15	..
290	Mass Util	2½	2	2½	2⅛
15	Mohawk	12	12	12	..
10	Nat Ser	1	1	1	1
100	NE Pub pf	6½	6½	6½	..
90	NE Tel	108	107⅛	107⅛	106
700	No Butte	.50	.46	.46	.45
50	Old Colony	90	90	90	87
355	Quincy Min	2¼	2	2¼	..
125	Shawmut	7	6¾	6¾	6½
130	So Sur	.50	.30	.30	..
265	Stone&Webstr	11⅛	10¼	10⅞	9¾
35	Sull Mach	9	9	9	..
370	Swift Inter	23	22	23	..
305	Swift & Co	18⅝	18½	18⅝	18
100	Uni Found	2	1⅞	2	1¾
938	Uni Shoe	37½	35⅞	37	35¾
75	Uni Gas	2⅝	2¼	2¼	..
200	Utah Met	.30	.30	.30	..
105	Util Hyd	1½	1¼	1½	1½
130	War Bros	5	4¾	5	4⅛
25	War cv pr	15	15	15	..
	BONDS				
$1000	NE Tel 5s	100	100	100	..

DROP IN SHARES VALUE

NEW YORK, Jan. 7 (AP)—The Jan. 1 market value of all shares listed on the New York Stock Exchange was $26,[illegible], compared with $31,105,[illegible] on Dec. 1, a decrease of $4,411,430,601.

New York Bond Market

(Quotations to 1:50 p. m.)

	High	Low
Ab Straus 5½s '43	78	78
Alaska Gold Mines A	10	10
Alleghany Corp 5s '44	32	30½
Alleghany Corp 5s '49	26	24
Alleghany Corp 5s '50	19	18
Allis Chalmers deb 5s '37	81	81
Amer & Foreign Pow 5s 2030	38¾	38½
Amer I G Chem 5½s '49	65	65
Amer Ice Co 5s '53	70	70
Amer Inter 5½s '49	71	69¾
Amer Metals Co 5½s '34	50½	50
Amer Smelting 5s '47	92	92
Amer Sugar Refining 6s '37	103¾	103
Amer T&T 4½s '39 cv	105½	103
Amer T&T col 5s '46	100½	100
Amer T&T deb 5s '60	98	97¾
Amer T&T 5s '65	98	97¾
Amer T&T deb 5½s '43	103⅞	103½
Amer WW & Elec 5s '34	88	86½
Amer WW & Elec deb 6s '75	76½	74½
Amer Writing Paper 6s '47	25	25
Armour & Co 4½s '39	71¼	69
Armour & Co of Del 5½s '43	64¼	63
Atch T&SF gen 4s '95	87¾	86⅞
Atch T&SF 4s '05	75	75
Atch T&SF 4½s '48	92	92
Atlanta & Charl A L 5s '44	79	79
Atlanta & Danv 1st 4s '48	23	23
Atl Coast Line 1st con 4s '52	78½	78
Atl Coast L L&N col 4s '52	63	63
Atl Refining deb 5s '37	90½	90½
Balt & Ohio 1st 4s '48	79¾	79¾
Balt & Ohio 4s PLEWV div '41	70	69
Balt & Ohio 4½s '33	77	73½
Balt & Ohio 4½s cv '60	51	48
Balt & Ohio rfg 5s '95	62¼	62
Balt & Ohio 1st 5s ct '48	90	89
Balt & Ohio 5s series D 2000	63	62½
Balt & Ohio rfg 6s '95	70	70
Bangor & Aroos 4s '51	60	60
Bell Tel of Pa rfg 5s '48 B	101½	101
Bell Tel of Pa 5s '60 C	101⅛	101
Ben Ind Loan 6s '46	75	75
Beth Steel pur mon 5s '36	95	94⅞
Beth Steel rfg 5s '42	93⅛	93
Boston & Maine 4¾s '61	66½	65⅛
Boston & Maine 5s '55	72¾	72¾
Bklyn Ed gen 5s A '49	102½	102½
Bklyn-Man Tr sf 6s '68	84	82⅞
Bklyn Un Gas 5s '45	101½	101½
Buff Gen Elec 4½s B '81	92½	92½
Buff R & P 4½s '57	47¾	44
Bush Term 1st 4s '52	80	80
Bush Term con 5s '55	67	67
Calif Fruit P 5s '38	67	67
Can Nat Ry gen 4½s '54	75	75
Can Nat Ry 4½s '56	76	76
Can Nat Ry 4½s '57	75	74⅞
Can Nat Ry 4½s '68	74½	74½
Can Nat Ry 4¾s '55	77	77
Can Nat Ry 5s Oct '69	83	83
Can North deb 6½s '46	93	93
Can North deb 7s '40	94¼	93½
Can Pacific 4½s '46	67	67
Can Pacific 4½s '60	67½	67½
Carolina Clin & O 6s '52	88	88
Cen Ill El & Gas 1st 5s '51	71	70½
Cen New England 4s '61	62	62
Cen Pacific 1st 4s '49	78	77½
Cespedes Sugar sf 7½s '39	6	6
Ches Corp 5s '47	70½	69
Ches &O cv 4½s A '93	81	81
Ches & O gen 4½s '92	92	90
Ches & O 4½s B	79½	78½
Chicago B & Q gen 4s '58	88	88
Chicago B & Q 4½s '77	86½	86½
Chicago & East Ill 5s '51	12¼	12
Chicago Gt West 4s '59	52	50
Chicago M&StP gen 3½s '89	51	51
Chicago M&StP gen 4s '89	61	61
Chicago M&StP 4½s rcts E '89	64	64
Chicago M StP&Pac adj 2000	9½	8
Chicago M StP&Pac 5s '75	37	34¼
Chicago & Nw 4¾s cv '49	32	29¾
Chicago Railway 5s '27	48	48
Chicago RI&P gen 4s '88	71	69¾
Chicago RI&P rfg 4s '34	60	55
Chicago RI&P 4½s '52	51	51
Chicago RI&P 4½s cv '60	40¼	36½
Chicago TerHau & SE in 5s '60	28	28
Chicago Un Sta 4½s A '63	93	93
Chicago Un Sta 5s B '63	100⅛	100
Chicago & W Indiana 4s '52	66⅞	66⅞
Chile Copper 5s '47	51	49
Cin Gas & Elec 4s '68 A	85⅞	85⅞
Cin Un T 5s ret	97⅛	97
Clev CC&StL 4½s E '77	65	63
Cin Wa Mich 4s	70	65
Clev Un Term 4½s '77	82	82
Clev Un Term 5½s '72	97½	97⅛
Colonial Oil 6s '38	35	35
Colo & So 1st rfg 4½s '35	85	85
Colo & So 4½s '80 A	65	65
Columbia Gas&E Co 5s deb '61	76⅛	75
Columbia Gas & E 5s '52 Apr	74	74
Columbia Gas & E 5s '52 May	75⅛	74½
Columbia Gas & E 5s Oct	74	74
Com Inv Trust 5½s '49	81	81
Comp Tab Rec 6s '41	106	106
Con Gas 4½s '51	93⅛	93⅛
Con Gas NY deb 5½s '45	103⅞	103
Consum Pow uni 5s '52	100	99⅞
Crown Zellerbach 6s ww '40	61⅛	61⅛
Cuba Nor Ry 5½s '42	24⅞	24
Cuba RR 1st 5s '52	39½	39½
Cumberland T&T 5s '37	100⅛	100⅛
Del & Hudson rfg 4s '43	78½	78½
Del Pow & Lt 4½s '71	93	93
Den & Rio G Wn 5s '55	29	27⅞
Den &Rio G Wn rfg 5s '78	35	35
Detroit Ed 4½s D '61	93½	93¼
Detroit Ed col 5s '33	100⅞	100⅞
Detroit Ed 5s '55	[illegible]	[illegible]
Detroit Ed 5s '62	100	100
Dodge Bros sf 6s '40	78⅛	77⅞
Duquesne P & L 4½s '67	95⅞	95¼
East Cuba Sug 7½s '37	4¼	4¼
Electric St Bat Co 6½s	29¼	29¼
Erie RR 1st con 4s '96	68	68
Erie RR cv 4s A '53	42	40
Erie RR cv 4s B '53	42	40¾
Erie RR ref 5s '67	42	39
Erie RR gen lien	50	49¾
Erie RR gen 5s '75	42	39¼
Fla East Coast 5s ct	5	5
Gannett 6s '43	69	69
Gen Cable Corp 5½s '47	40	38
Gen Mot Acc Corp 6s '37	99	98¼
Gen Petroleum 5s '40	97¾	97½
Gen Pub Svc 5½s '39	79	78
Gen Steel Cast 5½s '49 ww	59	59
Gen Theater Equip 6s '40	3¾	3¾
Goodrich 6s '45	42	42
Goodyear Tire 5s '57	72	70½
Grand Tk Ry Can 6s '36	90⅝	90
Grand Tk Ry Can 7s '40	94	93¾
Great Northern 7s '36 A	93⅞	93
Hudson Coal 5s '62	38	38
Hudson & Man adj in 5s '57	58	56¼
Hudson & Man rfg 5s '57	82⅛	82½
Humble Oil 5s '37	99¼	99⅛
Humble Oil 5½s '32	99¾	99
Ill Bell Tel rfg 5s '56	100½	100⅛
Ill Central 4s '51	80	80
Ill Central 4¾s '66	39¾	38
Ill Central 6½s '36	63	59½
Ill Central CStL&NO 5s A '63	43½	42
Inland Steel 4½s A '78	74	74
Inland Steel 4½s B '41	75	75
Inter Hydro El 6s '44	51	49
Inter Match 5s cv rcts '41	55	53½
Inter Match Corp 5s '47	50¾	49½
Inter Rap Tran rfg 5s '66	47	44½
Inter Rap Tran 5s sta '66	46	43½
Inter Rap Trans 6s '32	30	29
Inter Rap Trans 7s '32	62	61¼
Int Cement Corp 5s '48	63⅛	62½
Int & G Nor 5s B '56	36¼	35
Int & G Nor adj 6s '52	19⅝	15
Int Paper rfg 5s A '47	48	48
Int Paper 6s '55	31	31
Int Tel & Tel 4½s '52	45¼	45
Int Tel & Tel 4½s cv '39	51¼	49½
Int Tel & Tel 5s '55	48	46½
Kan City FtS&Mem 4s '36	57½	57½
Kan City P & L 4½s '61	94	94
Kan City P & L 4½s B	94¾	94¾
Kan City Term 1st 4s '60	83½	83½
Keith Albee Orpheum 6s '46	43	43
Laclede Gas rfg 5s '34	93⅝	92¼
Laclede Gas 5½s D	69	69
Lake Erie & W 1st 5s '37	68	67⅞
Lake Shore & MS 3½s '97	71½	71½
L'Autaro 6s '54	11½	11½
Lehigh Val (Pa) con 4½s 2003	52	52
Loew's Inc 6s '41	81	79
Louis Arkansas 5s '69	41	40¼
Louis Gas & Elec rfg 5s '52	97	97
L&N uni 4s '40	82½	81½
Manhat Ry con 4s '90	30¾	30
Market St Ry gold 7s '40	85	85
McCrory Stores 5½s '41	78	78
Metro Edison 4½s '68	84	84
Metro Water 5½s '50	37½	37
Mich Cen 3½s '52	77	77
Midvale Steel col 5s '36	92	88⅜
Mil El Ry & Lt 1st 5s '61	91½	91½
Mil El Ry & Lt 5s '71	91¼	91
Min StP & SSM 5½s '49	20	20
Mo K & T 4½s '78	60	60
Mo K & T adj 5s A '67	42	42
Mo K & T pl 5s A '62	65	65
Mo Pacific gen 4s '75	37¼	34
Mo Pacific 5s F '77	53	50½
Mo Pacific 5s G '78	53	50½
Mo Pacific 5s H '80	53	50½
Mo Pac 5s I '81	53	50¾
Mo Pacific 5½s '49	35½	32½
Mobile & Ohio 4½s '77	12	12
Montana Power rfg 5s '43	95	94¼
Morris & Co 1st 4½s '39	71½	70¾
Nat Steel 5s	72	72
Newberry 5½s	80	80
New Eng T&T 4½s B '61	95	95
New Eng T&T 5s '52	101	100¼
N O Pub Ser 5s A '52	72	72
N O Pub Ser 5s '55 B	72	72
N O T & M 4½s rcts '56	30	30
N O T & M 5½s '54	34	34
NYC&HR gen 3½s '97	72½	72
NYC&HR deb 4s '34	89	88
NYC&HR 4½s N	70	68½
NYC&HR rfg & im 5s 2013	74½	71
NYC&HR cv 6s '35	85¼	84¾
NY Chi & StL 1st 4s '37	89¼	89
NY Chi & StL 4½s '78	23	20¾
NY Chi & StL 6s A '32	24¼	23¾
NY Dock Co 4s '51	55	55
NY Edison 5s '44	102½	102½
NY Edison rfg 6½s '41	108½	108¼
NY GELH&P 5s '48	101¼	101
NY NH&H deb 4s '57	53	53
NY NH&H 4½s '67	72	72
NY NH&H cv 6s '48	90	90
NY Ont & W rfg 4s '92	41	40
NY Rich Gas 6s	96	96
NY State Ry con 4½s '62	2½	2½
NY Steam Corp 5s '51	97	97
NY Tel gen 4½s '39	97¼	97
NY W'chester & B 4½s '46	55⅞	55
Niag Share 5½s '50	63	63½
Norf & W [illegible]	[illegible]	[illegible]
North Am Co 5s '61	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Nor Pacific [illegible] 2047	[illegible]	[illegible]
Nor Pacific pr ln 4s '97	80½	80½
Nor Pacific 6s B '2047	82¼	80½
Nor States Pow 5s A '41	95½	95½
Nor States Pow 6s B '41	101½	101
Ohio Pub Ser 7s B '47	101	101
Pac Gas & Elec 5s '42	99⅞	98¾
Pac Tel & Tel 1st 5s '37	100¾	100¾
Pac Tel & Tel rfg 5s '52	100½	100½
Pan-Am Pet & T 6s '40	13	13
Paramount Public 5½s '50	42	41½
Paramount Bwy 5½s '51	72	72
Paramount Fam Las 6s '47	49	47½
Penn Dixie Cement 6s '41	41	40⅝
Penn Pow & Lt 4½s '81	84⅞	84¼
Penn Railroad con 4s '48	89½	89½
Penn Railroad 4½s D '70	67⅞	66⅛
Penn Railroad 4¾s '63	73	73
Penn Railroad con 4½s '60	93	92¾
Penn RR gen 4½s '65	81¾	81
Penn RR 4½s D '81	74¼	74¼
Penn RR 5s '64	83	83
Penn RR gen 5s '68	88¼	88¼
Penn RR gold 6½s '36	98	97¾
Pere Marquette 4½s '80	45	45
Phillips Pet 5¼s '39	47½	47
Philadelphia Co 5s '67	85	84
Philadelphia Elec Co 4s '71	86¼	86¼
Phil &Read C&I 6s '49	38½	38½
Pillsbury Flour M 6s '43	98	97½
Pitts CC&StL 4½s B	92½	92½
Pitts CC&StL 5s A '70	90	90
Pitts CC&StL 5s B '75	86	86
Portland Gen Elec 4½s '60	59¾	58½
Postal Tel & Cable 5s '53	33½	31¾
home privileges, 1414 Forest St.		
Pure Oil 5½s '37	69	67¾
Pure Oil 5½s '40	68	68
Purity Baking 5s '48	68½	68¼
Remington Rand 5½s '47 ww	39¾	39¾
Rock I Ar&Lou 4½s '34	50	50
St Louis IM&S 4s R&G div '33	67	66
St Louis & SF 4s A '50	27	26
St Louis & SF 4½s '78	19	18
St Louis & SF 5s B '50	30⅝	29½
St Louis SW 1st 4s '89	55	55
St Louis SW 1st 5s '52	27⅞	27½
Pub Svc E&G 4½s 1970	95	94⅞
San Ant & Ar P 1st 4s '43	68⅞	68¼
Seabd A L 6s ct	3½	3½
Shell Pipe 5s '52	71	70
Shell Union 5s '47	62⅛	60
Shell Union 5s ct ww '49	60⅛	60
Silesian Am Corp 7s '41	41	41
Sinclair Cn O col 6½s '38	71	71
Sinclair Cn O col 7s '37	76½	75½
Smith A O 6½s '33	98¾	98¾
Solvay Amer Inv 5s '42	82	82
Southern Bell T & T 5s '41	99¾	99¾
Southern Pacific col 4s '49	62⅛	62⅛
Southern Pacific 4½s '69ww	64½	64½
Southern Pacific 4½s '81	64½	63½
Southern Pacific Ore A 4½s '77	76	76
So Pac S F T 4s '50	76	76
Southern Ry gen 4s '56	43	41
Southern Ry con 5s '94	62	62
Southern Ry gen 6½s '56	53	53
Southwest Bell Tel rfg 5s '54	100⅝	100¼
Stand Oil NJ 5s '46	100⅝	100
Stand Oil NY 4½s '51	89	88¼
Stevens Hotel 6s '45	25	22½
Tenn Elec Power 6s '47	96	95½
Tenn Cen Ry 6s '47	25	25
Ter RR Asso StL rfg 4s '53	79	79
Texas Corp 5s '44	75	74
Tex & Pac 5s D '80	61⅛	61⅛
Third Ave rfg 4s '60	45	45
Third Ave 5s '37	84	84
Third Ave adj 5s '60	21⅞	21
Union El L & P 1st 5s '32	100	99⅞
Union El L & P rfg 5s '33	100	100
Union El L & P 5½s '54	100	100
Union Oil Cal 6s '42	95¼	95¼
Union Pacific 1st 4s '47	91¾	91⅜
Union Pacific 4s '68	72¾	72¼
Union Pacific rfg 4s 2008	75	75
Union Pacific 4½s '67	78	76
US Rubber Co 5s '47	51	49½
Utah Pow & Lt 5s '44	91	91
Util Pow & Lt 5s '59 ww	42½	41½
Util Pow & Lt 5½s '47	45	44
Vanadium 5s '41	45½	45
Virginia Ry 4½s B '62	75	75
Virginia Ry 5s '62	99	99
Wabash RR 4½s '78	9½	9½
Wabash RR 1st 5s '39	73¼	72
Wabash RR 5s D '80	10⅞	10
Walworth 6s '45	23½	23½
Warner Bros Pict 6s '39	26	25½
Washington Ter 3½s '45	82	82
West Pa Pow 5s E '63	100¼	100¼
Western Electric 5s '44	96¼	96¼
Western Maryland 5½s '77	50	50
Western Pacific 5s A '46	40	40
Western Union R E 4½s '50	75	75
Western Union 5s '51	70	70
Western Union col 5s '38	84	83
Western Union 6½s '36	87½	86⅛
Western Union 5s '60	69⅞	69¼
Wheeling Steel 4½s B '53	51⅛	50½
Wheeling Steel 5½s '48	72⅛	72
Wilson & Co 1st 6s '41	79	79
Winchester R Arms 7½s '41	61	61
Youngstown Sheet 5s A '78	66¾	66¾
Youngstown Sheet 5s B '70	66½	65⅛

LIBERTY BONDS

	High	Low	Last Jan 7	Last Jan 6
3½s '47	96.30	96.28	96.28	96.30
1st 4¼s '47	99.7	99.1	99.1	99.5
4th 4¼s '38	99.12	99.4	99.4	99.4
US 3s '55	84.8	84.	84.6	84.
US 3⅛s '49	85.6	85.1	85.1	85.
US 3⅜s '43 Mar	90.8	89.24	90.	
US 3⅜s '43 June	90.16	90.16	90.16	
US 3⅜s '47	90.8	89.30	90.8	90.
US 3¾s '56	93.12	93.6	93.6	93.6
US 4s '54	97.20	97.10	97.15	97.10
US 4¼s '52	101.8	100.26	101.4	101.

FOREIGN BONDS

	High	Low
Abitibi P&P 5s '53	30	30
Akershus 5s '63	50	50
Antioquia 7s A '45	15	15
Antioquia 7s C '45	15	15
Argentine Gov 5½s '62	44	44
Argentine Gov 6s Oct '59	49	49
Argentine Gov 6s May '60	48½	48½
Argentine Gov 6s May '61	49K	48½
Argentine Gov 6s '57 A	49	49
Australia 4½s '56	45	44¼
Australia 5s '55	50⅛	50
Australia 5s '57	51	50⅛
Austria (Gov) 7s '43	85½	85⅜
Austria Hydro 6½s	37	36¾
Bavaria (State) 6½s '45	31	31
Belgium (King) 6s '55	84	84
Belgium (King) 6½s '49	87½	86¼
Belgium (King) 7s '55	95	94½
Belgium (King) 7s '56	94¾	94½
Berlin (City) 6s '58	26¾	26
Berlin (City) 6½s '50	31	30
Berlin Elec 6½s '51	40½	40
Berlin Elec 6½s '59	36⅝	35¼
Berlin Elev (City) 6½s '51	32	32
Berlin Elec 6s '55	34½	30¾
Bolivia (Rep) 8s '41	8½	8½
Bordeaux (City) 6s '34	100	99⅞
Brazil (Cen El Ry) 7s '52	14	13¼
Brazil 6½s '27-'57	18	17½
Brazil (US) 8s '41	19½	19½
Brisbane 5s '58	30½	35⅞
Buenos Aires 6s '61 (Prov)	27½	26¾
Buenos Aires (Prov) 6½s '61	27¾	27
Canada (Dom) 4½s '36	87¼	87¼
Canada (Dom) 4s '60	73¼	73¼
Canada (Dom) 5s '52	90	88½
Chile (Bank) 6½s '57	14½	14½
Chile (Bank) 6¾s '61	29	20
Chile (Rep) 6s Jan '61	13¼	13¼
Chile (Rep) 6s '61	13½	13
Chile (Rep) 6s '61 Sept	13	13
Chile (Rep) 6s '62	13	13
China (Gov) Hu-K Ry 5s '51	7⅝	7⅝
Cologne (City) 6½s '50	29	27
Colombia Agr Bk 6s '47	22	22
Colombia Mtg Bk 6½s '47	22	22
Colombia Mtg Bk 7s '47	24	22
Colombia (Rep) 6s '61 Jan	28½	27
Colombia (Rep) 6s '61 Oct	27¼	27¼
Cordoba (Prov) 7s '42	30½	30¼
Costa Rica (Rep) 7s '51	40	39
Cuba (Rep) 5s ('14) '49	88	88
Cuba (Rep) 5½s '45	38	38
Cundi (Rep) 6½s '59	14½	14⅜
Denmark (King) 5½s '55	63¾	63¾
Denmark (King) 6s '42	75	74
Duke Price Power 6s '66	70	69½
Dutch EI 6s '47	87	87
Dutch EI sf 6s '62	85	85
Finland (Rep) 6s '45	42⅛	42⅛
Frankfort 6½s '53	26	25¾
French (Rep) 7s '49	111¼	111⅜
French (Rep) 7½s '41	112⅛	112
German 7s '49	65	61
Germ Cen Ag Bk 6s '38	38	37⅛
Germ Cen Ag Bk 6s July '60	38	38
Germ Cen Ag Bk 6s Oct '60	38	37½
Germ Cen Ag Bk 7s '50	41⅞	40⅞
Germ El Pow '53	36	36
Germ El Pow 6½s '50	36	36
Germ Gen Elec 6½s '40	37	37
Germ Gov Int 5½s '65	37¾	34½
Good Hope I&SW 7s '45	38	38
Graz 8s '54	30¼	30¼
Hamburg 6s '46	32	32
Hansa 6s '39 ww	24	23
Heidelberg (City) 7½s '50	27½	27½
Hungary (King)s 7½s A '44	42½	41
Hungary Mun 7½s '45	17½	17½
Ilseder Steel 6s '48	28¼	28¼
Italy (King) 7s '51	85½	85
Jap (Con Pwr) 6½s '50	46⅛	46⅛
Jap (Con Pwr) 7s '44	58	58
Karstadt 6s '43	25⅝	25
Kreuger & Toll 5s '59	49½	48
Lombard El 7s '52 ww	64¼	64¼
Lyons (City) 6s '34	100¼	99⅞
Marseilles (City) 6s '34	100¼	99⅞
Medellin 6½s '54	13½	13½
Milan (City) 6½s '52	68	68
Minas Geraes 6½s '59	14½	14½
Montecatin 7s '37 xw	69¾	69¾
Netherlands (King) 6s '72	104	103⅝
New South Wales 5s '57	45½	45½
New South Wales 5s '58	46¼	46½
Nord Rys 6½s '50	97½	97½
North German Lloyd 6s '47	33⅞	33⅛
Norway (King) 5½s '65	67	66⅛
Norway (King) 6s '44	74	74
Nuremberg 6s '52	27⅝	26¾
Oriental Dev 5½s '58	59¼	58
Oslo (City) 5½s '46	99⅞	99⅞
Oslo (City) 6s '55	64	62
Panama (Rep) 5½s '53	89¾	89¾
Paris-Lyons-Med 6s '58	92½	92¼
Paris-Lyons-Med int ctf 7s '58	100⅛	99½
Peru (Gov) 6s '60	7	7
Peru (Gov) 7s '59	7	7
Poland (Gov) 7s '47	40	48¾
Poland (Gov) 8s '50	53	53
Porto Ale (City) 7½s '66	9½	9½
Porto Ale (City) 8s '61	11⅞	11⅞
Prussia 6½s '51	32	30½
Prussia 6s '52	30	27¼
Rhine Westphalia 6s '53 ww	37⅛	37
Rhine Westphalia [illegible]	[illegible]	[illegible]
Rhine Westphalia [illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Rome (City) 6½s '52	[illegible]	[illegible]
Rotterdam (City) 6s '64	84¾	84¾
Sao Paulo (State) 6s '68	13⅛	11⅞
Sao Paulo (State) 7s '56	15	14½
Sao Paulo (State) 7s '40	34	32½
Saxon Pub Wks 7s '45	28	26¾
Serbs Cro & Slov 7s '62	39⅛	39⅛
Serbs Cro & Slov 8s '62	43	40
Siemens 6½s '51	50	50
Silesia Bk 6s '47	31⅛	31⅛
Silesia (Prov) 7s '58	35	35
Soissons (City) 6s '36	99½	99½
Sweden (King) 5½s '54	81½	81¼
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Tokio (City) 5½s '61	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Tyrol 7½s '55	[illegible]	[illegible]
U K Gt Br & I 5½s '37	92	91⅝
Uni Stl W Burback 7s '51	89	89
Uni Stl W 6½s A '47	29	29
Uni Stl W 6½s A '51	27⅞	27
Unterelbe 6s '53	28½	28⅛
Vienna 6s '52	64	64
Venetian Mtg Bk 7s '52	80½	80½
Westphalia El 6s '53	25¾	25½
Yokohama (City) 6s '61	66½	66½

CHICAGO ELECTRICITY OUTPUT

CHICAGO, Jan. 7—The electricity output in Chicago district the week ended Jan. 2 was [illegible] k. w. h., compared with [illegible] in the corresponding 1931 week, a decrease of [illegible] per cent. The previous week output was [illegible] k. w. h., off [illegible] per cent.

BIG ORDER FOR NORTON COMPANY

Norton Company, Worcester, Mass., has received from W. H. Gahagan Company of Brooklyn, contractors for City of New York, largest single order ever placed for porous plates to be used in a sewage disposal plant. Contract calls for 40,000 plates to be installed in the new $5,000,000 disposal plant to be constructed on Wards Island, New York.

GASOLINE STOCK CONTINUES GAIN

Stocks of gasoline held by refineries representing [illegible] per cent of capacity, reporting to American Petroleum Institute, gained [illegible] barrels the week ended Jan. 2 to [illegible], compared with [illegible] a year ago.

CHRYSLER TO BUILD PLANT

LOS ANGELES, Jan. 7—Chrysler Corporation plans immediate construction here of an assembling plant to cost between $2,000,000 and $3,000,000, President Chrysler said. It will be constructed as soon as [illegible] ties will be developed here for the entire Chrysler products.

STEEL RESUMPTIONS

NEW YORK, Jan. 7—Since the beginning of the week resumptions of steel operations in various districts should result in a rather good weekly gain, [illegible] Monday not now looked for.

BANKERS TRUST COMPANY

PARIS NEW YORK LONDON

CONDENSED STATEMENT OF CONDITION ON DEC. 31, 1931

ASSETS

Cash on Hand and Due from Banks		$102,831,683.60
Exchanges for Clearing House		72,257,132.56
U. S. Government Securities maturing within twelve months		133,338,890.26
U. S. Liberty Fourth 4¼s, 1933-38		1,019,875.00
Demand Loans		82,542,309.23
Time Loans and Bills Discounted		236,196,236.02
State and Municipal Bonds maturing within two years		7,449,400.00
Stocks of Federal Reserve Bank, New York Clearing House and Bank for International Settlements		2,313,696.25
Other Bonds and Securities		8,892,283.72
Real Estate Bonds and Mortgages		3,648,050.00
Bank Premises, including Estimated Cost of New Building under Construction	$29,846,793.07	
Less New Construction Costs not yet expended	8,871,897.77	20,974,895.30
Accrued Interest and Accounts Receivable		3,655,097.51
Customers' Liability on Acceptances		44,106,778.27
Liability of Others on Acceptances, etc., sold with our Endorsement		26,146,072.47
		$745,372,400.19

LIABILITIES

Capital	$25,000,000.00	
Surplus Fund	50,000,000.00	
Undivided Profits	25,020,371.13	$100,020,371.13
Contingency Fund		12,000,000.00
Deposits	$521,154,354.73	
Outstanding and Certified Checks	36,932,052.42	558,086,407.15
Dividends Declared and Unpaid		1,876,266.75
Accrued Interest Payable		210,791.67
Unearned Interest		1,026,515.92
Reserve for Taxes and Expenses		581,330.76
Outstanding Acceptances		45,424,644.34
Acceptances, etc., sold with our Endorsement		26,146,072.47
		$745,372,400.19

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Chairman of the Board

H. J. COCHRAN
Vice-Chairman of the Board

S. SLOAN COLT
President

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ARTHUR WOODS, *New York*

MEMBER OF THE NEW YORK CLEARING HOUSE ASSOCIATION

Associated Gas and Electric Company

and Subsidiaries
(Consolidated)

A decade of high stability and of ample earnings to pay interest on Associated Bonds

Year	Gross Earnings	Net Earnings§	Interest* and Underlying Pfd. Dividends	Times Earned Before Depreciation	Times Earned After Depreciation	Provision for Retirement of Fixed Capital Amount	Provision for Retirement of Fixed Capital % of Gross	Balance After Interest* and Depreciation
1921	$ 1,560,005	$ 471,443	$ 196,910	2.39	2.10	$ 56,374	3.6	$ 218,159
1922	2,856,419	962,079	459,838	2.09	1.82	125,046	4.3	377,195
1923	3,477,067	1,322,327	556,823	2.37	2.05	179,822	5.1	585,682
1924	5,658,573	2,161,366	1,048,523	2.06	1.78	289,414	5.1	823,429
1925	19,451,147	7,878,303	3,876,144	2.03	1.76	1,036,112	5.3	2,966,047
1926	29,283,288	13,761,310	7,467,324	1.84	1.62	1,627,193	5.5	4,666,793
1927	35,296,741	17,032,086	8,540,616	1.99	1.79	1,698,731	4.8	6,792,739
1928	36,291,869	18,001,592	8,493,933	2.12	1.90	1,830,454	5.0	7,677,205
1929	79,540,914	43,240,956	21,125,996	2.05	1.89	3,371,077	4.2	18,743,883
1930	93,623,052	48,298,913	22,500,777	2.15	1.93	4,849,193	5.2	20,948,943
Total	$307,039,075	$153,130,375	$74,266,884	2.06	1.85	$15,063,416	4.9	$63,800,075
1931†	92,201,405	46,820,759	23,012,896	2.03	1.73	6,945,602	7.5	16,862,262

Added properties are included only since dates of acquisition.

† 12 months ended November 30, 1931. § After earnings on small interests in common stocks held by minorities.
* Includes interest on all debt (except interest on debenture obligations convertible into stocks at Company's option), less credit for interest during construction.

Net earnings as above for the ten-year period were, before depreciation, 2.06 times the above interest and dividend charges and after depreciation, 1.85 times, on the "over-all" basis.

Likewise, for the twelve months' period ended November 30, 1931, such charges were earned **2.03** before, and **1.73** times, after depreciation.

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IMPROVEMENT IN CANADA'S TRADE SEEN

Dominion's Prosperity Is Largely Dependent Upon Wheat Production

By SIR HENRY W. THORNTON
Chairman and President, Canadian National Railways

The arrival of another year finds us with a hope of improvement in sight in Canada although only the very brave would dare to prophesy the ending of this period of readjustment. There are, however, certain rays of light drifting through the clouds.

Government statisticians, with all the figures before them, tell us that the world wheat position is growing brighter, and that consumption is at least beginning to overtake the surplus production of other years.

Canada's prosperity is largely bound up with her wheat production, and while lack of markets and low prevailing prices have made the lot of wheat producers difficult during the last year, recent price increases enhanced the buying power of western Canada. The good effect of this is already being felt.

Wheat Conditions Favorable

Canada's wheat crop for 1931 is estimated at 298,000,000 bushels of which all but 20,000,000 bushels are in the western provinces. While some sections of the west suffered complete crop losses through drought, there were many sections where yields were from fair to very good. These sections are benefiting greatly through improved market prices.

Grain has been moving out rapidly from interior elevators since the middle of October, and the amount now in farmers' hands is small. This has had a gratifying effect upon railway revenues.

Unfortunately other commodities are not yet moving in great volume, and while a railway may do everything within its power to provide service and stimulate traffic, it cannot force commodities to move when there is no market demand for them.

Drastic Economies

The position of the Canadian National Railways is similar to that of other major transportation systems on the American continent. Serious decreases in gross revenues throughout the whole of 1931, have been countered in part by drastic economies.

Train mileages have been reduced, those of passenger trains having been cut by 8,000,000 train miles per annum from the peak of 1929. Important trains have been consolidated and rerouted, and with more rapid schedules in effect, the time necessary for travel between the cities of Canada has been reduced.

Vancouver and Montreal have been brought closer together by more than nine hours through a rerouting of the Continental Limited, which has also made possible a schedule of two hours and a quarter between Montreal and Ottawa and two nights and one day's travelling time between Montreal and Winnipeg.

Between Montreal and Chicago, the International Limited has been reduced in running time to 17 hours and 30 minutes for the 848 miles, while between Montreal and Toronto the Canadian National Railways continue to operate the fastest daily trains in the world over a like distance, the time for the 334 miles being 360 minutes.

Coöperation of Employees

The economies that have been made, would not have been effected without the earnest coöperation of all officers and employees on the system. All have accepted reductions in salaries and in working time to meet the situation.

It has been necessary to cut expenditures heavily. For the first 10 months of 1931, gross revenues of the system showed a decline of $41,301,640, as compared with the corresponding period of 1930. Operating expenses for the first 10 months of 1931, were reduced by $23,005,511 below the operating costs of the first 10 months of 1930 and it is satisfying to note that all of these savings have been produced without sacrificing efficiency of service.

Canada has been through a difficult year but she is emerging from it neither bankrupt nor poverty stricken. When the Canadian Government called recently for subscriptions to a National Service Loan of $150,000,000, it was over-subscribed $50,000,000 in a few days by the people of Canada.

The country is weathering the crisis without diminution of her natural resources and without sacrifice of the morale of her people. Canada has passed through other periods of readjustment and has risen from them to greater achievements. She will do so now.

Good Financial Situation

Canada is a country of more than 10,000,000 people with a national wealth of more than $30,000,000,000, which figure has nothing to do with the undeveloped mineral fields, water powers and other natural resources.

It is significant that of the $30,000,000,000 invested in Canada, more than $23,000,000,000 is owned by Canadians, who control their industries and securities on a basis of more than four to one, and, in addition, have something more than $1,000,000,000 invested in the United States.

With markets denied to her products, Canada has tightened up her belt. She is not evading the economic issue or seeking a panacea. She is preparing to meet the issue fairly and squarely and to fight through to a new prosperity by the use of common-sense tactics and unlimited faith in her future.

OIL OUTPUT OFF

Crude oil production for the week ended Jan. 2 averaged 2,209,100 barrels daily, a decline of 83,800 from preceding week, American Petroleum Institute reports. In the week ended Jan. 3, 1931, production averaged 2,082,100 daily. Oklahoma was down 41,650 to 493,300 daily. East Texas was off 25,100 to 290,100 daily, while California gained 100 to 499,700 daily.

LONDON QUOTATIONS

LONDON, Jan. 7 (AP)—Consols for money today were 55⅝. DeBeers 3¼ and Rand Mines 2⅞. [illegible] 4¼ per cent and discount rates—short bills 5½@6 per cent and 3-month bills 5¾@6 per cent.

State Street Trust Company
Boston, Mass.

CONDENSED STATEMENT OF CONDITION
At the close of Business December 31, 1931

ASSETS

Cash on Hand & In Federal Reserve Bank	$14,902,666.48	
Cash in Depositary Banks	2,224,479.00	
U. S. Government Securities	2,910,248.27	
Municipal and Other Readily Marketable Short Term Obligations	3,032,032.10	
Demand Collateral Loans to Brokers	3,388,534.30	
Loans Immediately Eligible for Rediscount with Federal Reserve Bank	4,561,000.00	
		$31,018,960.15
Demand Loans		7,299,063.28
Loans & Discounts		20,617,134.32
Investments		
Federal Reserve Bank Stock	$195,000.00	
Other Investments	967,894.11	
		1,162,894.11
Banking House, Vaults & Furn. & Fixtures		888,439.48
Accrued Interest Receivable & Other Assets		95,897.60
Customers' Liability on Acceptances		240,344.24
Acceptances Endorsed and Sold		720,349.06
TOTAL		$62,043,082.24

LIABILITIES

Capital Stock		$3,000,000.00
Surplus & Undivided Profits		3,744,377.13
Reserve for Taxes, Interest, Unearned Discount, etc.		325,398.67
Acceptances Executed or Endorsed		965,546.75
Deposits		
Demand	$50,485,061.22	
Time	3,522,698.47	54,007,759.69
		$62,043,082.24

Allan Forbes
President

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Surplus	1,008,848.14

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Middle West Utilities Company

Notice of Dividends

◆

Common Stock—The Board of Directors of Middle West Utilities Company has declared a quarterly dividend of 2% in Common Stock (being one-fiftieth of a share) on each share of Common Stock outstanding on January 15, 1932, payable February 15, 1932, to Common stockholders of record on the Company's books at the close of business at 5:00 o'clock P. M. on January 15, 1932.

◆

$6 Convertible Preferred Stock, Series A—The Board of Directors of Middle West Utilities Company has declared on each share of its $6 Convertible Preferred Stock, Series A, a quarterly dividend of $1.50 in cash or (at the election of the holder, filed on or before January 15) of three-eightieths of a share of Common Stock, payable February 15, 1932, to the holders of record on the Company's books at the close of business on January 15, 1932.

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A WINDOW in WALL STREET

Retreat From Inflation

THAT inglorious rout indulged in by everything with a price tag on it gradually has changed to an orderly retreat. The decline in bonds, stocks, real estate mortgages, dividends, interest rates, rents, wages and commodity prices accompanying one of the sharpest deflationary periods ever recorded, is now slowing up. The retreat in the opinion of economic and statistical circles, should soon change to a firm stand and then a gradual advance. Reinforcements in the shape of credit expansion are steadily assuming more importance. And a most hopeful sign is the stabilization of commodity prices. Down to prewar levels, they have held fairly steady for five weeks, and are only 2.93 per cent off from October levels.

The Race Is On

The race between shrinking Income and robust Outgo is still on. The latter drew appreciably ahead in 1931. The wage earner was obliged to bear with a thinner envelope, all the while that the sheaf of bills remained practically constant. The stockholder, too, had to view the incoming mail with fortitude, as it told of less income coming in. The aggregate of dividends declared by 1730 corporations in December was $363,572,932, compared with $567,887,243 for 2192 corporations in December, 1930. But events are conspiring to change the status of the runners. Sometime in 1932, say economists, Income is going to get its second wind and overtake Outgo. And all due to cutting down of overhead, thawing out of frozen assets, coöperation of Government with industry, coöperation of units in an industry with one another, greater initiative in distribution, liberalization of credit, increasing efficiency and a growing realization by society that the worker is entitled to a fairer share in the fruits of his labor.

Hail to Recouping

The business of giving advice has suffered deflation in the last two years along with other forms of activity. It has lost prestige. But that does not mean that the financial student or organ must forever refrain from expressing an opinion. Suggesting to others perhaps less well informed a course of action continues to be a legitimate function of certain organizations. Appropriate then is it to quote from the Magazine of Wall Street, whose staff has selected a number of low-priced stocks recommended for purchase. This specific advice is aimed to recoup losses in other securities. Among the selections are the following: Chrysler, Electric Bond & Share, Electric Power & Light, Ford Motor, Ltd., Kelvinator, Montgomery Ward, F. G. Shattuck, Standard Brands and United Corporation.

G. R. E.

STOCK LOAN RATIO OFF

NEW YORK, Jan. 7—Total borrowings by members of the New York Stock Exchange against collateral on Jan. 1 amounted to 2.20 per cent of the market value of all shares listed on the exchange on that date, against 2.35 per cent on Dec. 14, a decrease of 0.15 per cent during the month to a new low record and comparing with previous low of 2.33 per cent on Nov. 1. On Jan. 1, 1931, the ratio was 3.86 per cent.

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140 Broadway

LONDON PARIS BRUSSELS LIVERPOOL HAVRE ANTWERP

Condensed Statement, December 31, 1931

RESOURCES

Cash on Hand, in Federal Reserve Bank, and due from Banks and Bankers		$ 257,806,418.75
U. S. Government Bonds and Certificates		274,349,207.44
Public Securities		34,596,044.44
Stock of the Federal Reserve Bank		7,800,000.00
Other Securities		22,686,032.18
Loans and Bills Purchased		778,505,668.63
Real Estate Bonds and Mortgages		1,445,273.43
Items in Transit with Foreign Branches		8,358,702.88
Credits Granted on Acceptances		86,715,794.72
Bank Buildings		14,554,843.29
Accrued Interest and Accounts Receivable		7,222,066.19
		$ 1,494,040,051.95

LIABILITIES

Capital	$ 90,000,000.00	
Surplus Fund	170,000,000.00	
Undivided Profits	24,959,038.49	
		$ 284,959,038.49
Accrued Interest, Miscellaneous Accounts Payable, Reserve for Taxes, etc.		8,112,102.82
Acceptances		86,715,794.72
Liability as Endorser on Acceptances and Foreign Bills		44,231,200.07
Deposits	$1,025,049,550.56	
Outstanding Checks	44,972,365.29	1,070,021,915.85
		$ 1,494,040,051.95

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WORLD NEED IS COMMON ACTION, THINKS CRUMP

Alternative, Says British Economist, Is for Each Nation to Go It Alone

The following review by one of Great Britain's well-known economists gives a clear picture of that country's present situation, intimating the possibility that if no common solution for the revival of international trade can be found, Great Britain may have to live on her own resources, but asserting that she is ready to coöperate to the utmost in bringing about world stability. The article is part of the Financial Capitals feature which THE CHRISTIAN SCIENCE MONITOR *is printing each week.*

By NORMAN CRUMP

Special to The Christian Science Monitor

LONDON—The year 1931 was by common consent one of the most difficult and disastrous years that the world has had to face, and it ended with the world brought right up against most of its more serious problems. Is 1932 going to see the solution of these problems and the beginning of a recovery, or are we to slip still deeper into the mire?

In England we are faced with the following questions: Our permanent tariff policy in all its bearings, both internal and international: the stabilization of our currency, and the maintenance of a balanced budget, with the allied problem of collecting crushing taxation from a population in the throes of trade depression. Europe is faced with the allied questions of reparations and debts; with the tariff problem in a different but more acute form; with the imminent expiry of the German standstill agreement, and the question of its replacement and renewal; with the strained finances of other Central European countries, of which the Hungarian moratorium, proclaimed on Christmas Eve is the latest and most striking example, and with the currency problems of those countries, such as the Scandinavian nations, who are already "off gold," and of those such as Holland who find difficulty in maintaining the gold standard and many arguments in favor of its suspension.

A Possible Alternative

Is the world going to "get together" for a common solution of these problems and the revival of international trade, coöperation and good will? Or is each country going to abandon the task, to seek to live on its own resources, and to leave other countries to "stew in their own juice"?

The second alternative can by no means be ruled out of account. The British Empire, for one, could live fairly comfortably upon its own resources, at the cost of a slight fall in the standard of living together with some temporary readjustment and inconvenience.

A common monetary system, a common tariff policy, the development of existing commercial links, including manufacturing and sales organization, would do much in this direction, and it is idle to deny that there is a strong force of public opinion in England working toward this end. Only—and this is the warning England has to give both to itself and the world today—if England and the British Empire are forced by motives of self-preservation to cut out of the world trading system, it means that England will automatically cut right out of all world debts. The main lesson of the last few years is that if a country is unable to trade with the rest of the world, it is automatically prevented either from collecting or discharging its debts.

The Basel Report

This at once brings to the fore the most important event of the last few weeks, namely, the report of the Basel advisory committee upon the Young plan. The report is much what had been expected. In so far as its concrete recommendations are concerned, it has adhered strictly to its terms of reference, and has simply said that Germany's contention that she is unable to discharge her conditional reparations liabilities is justified by the facts.

By implication, however, the report goes much further. It recites in full both Germany's serious difficulties and the unprecedented character of the world crisis, and it does not shirk the connection between the world crisis and the special problem it was appointed to investigate.

It insists that large-scale transfers of funds from one country to another can only accentuate the present chaos; that if one country obtains relief from its debts, its creditors in their turn have a claim to similar relief from their debts; and that a permanent readjustment of all intergovernmental debts is an urgent necessity. It concludes with an appeal to the Governments (note the plural) on whom the responsibility for action rests to permit of no delay in coming to decisions which will bring an amelioration of this grave crisis.

Must Extend Moratorium

In England all this has long been "common ground," but during the last month or two there has been a definite hardening of opinion. It is generally held that in the present state of affairs the Hoover moratorium cannot simply be allowed to lapse. If it did, the Chancellor of the Exchequer would have to consider how his next budget would be received if it included debt payments in dollars and debts and reparations collections in sterling, especially as the depreciation of the pound means that our collections no longer balance our payments.

The City rightly holds the view that any precipitate action of a kind that would damage our credit is to be avoided, and that at all costs we must keep our pledged word. Yet the question inevitably presents itself:—"Which is the more honest course, and the one most calculated to dedound to British credit? To try to keep a bargain, when it has become obvious that its fulfillment is impossible, and that the attempt to do so is plunging the world deeper into disaster. Or to say boldly and definitely that it is no longer either possible or desirable to keep the bargain, and that we think the only honest course is to face and state the facts, even at some risk to our own good name."

The International Conference

In short much hangs on the international conference, which is to follow the Basel report. England is ready to do all she can as a mediator, and in the direction of relieving the present economic and financial tension. If other countries stay away, or refuse to recognize the pressure of facts, and that the whole basis of existing bargains has been destroyed, then public opinion will force British statesmen to recognise that the time for conferences is past and that Great Britain must act decisively in the direction of saving her own affairs at least as far as possible from the general wreck.

Meanwhile, British trade during the last few weeks, has on the whole stood still. Less currency was required this Christmas than in previous years, and this is indicative of restricted purchasing power. Again while there is as yet no evidence that the depreciation of the pound and the new import duties have caused any appreciable rise in the cost of living at home, it is equally clear that the expectations that the fall in the pound would stimulate British export trade have so far not been fulfilled.

While it is still a little early to be certain on this point, it certainly appears that foreign tariffs and other restrictions upon imports and dealings in foreign currencies and the general world depression and disappearance of purchasing power have between them destroyed any stimulus that the depreciation of the pound might otherwise have given to British export trade.

May Foster "Sterling Pool"

There is one other relevant factor, which may eventually prove to be the most important of all. Great Britain is not the only country that has suspended the gold standard. Norway, Denmark, Sweden, Japan and most of the British Empire are also "off gold," and other countries are likely to follow. Already England is beginning to envisage the growth of a "sterling pool" that is of a group of countries whose currency is based not upon gold but upon sterling, and which may grow until it eventually embraces a majority of the leading commercial countries of the world.

Holland and South American countries are thought to be early entrants to the pool, and even the United States is being regarded as a possible candidate for admission at a not too distant date.

In the meantime the pool is now big enough to have neutralized many of the consequences that would have followed if Great Britain alone had suspended the gold standard. The absence of any rise in British internal prices and of any marked revival in British export trade can in part at least be ascribed to the development of the sterling pool.

Thus the New Year opens amidst an infinity of possibilities. Of England it may be said that she is ready to seize any chance she can, and to coöperate with others toward that end. On the other hand, she is no longer willing to drift, and if coöperation proves impracticable or fruitless, she is determined to work out her own salvation as best she can.

STOCK AND BOND FINANCING DROPS 50 P. C. IN 1931

NEW YORK, Jan. 7 (AP)—Stock and bond financing in 1931 showed a drop of more than 50 per cent from the financing of 1930.

New issues totaled $2,972,700,000, compared with $6,547,400,000 in the preceding year, according to a compilation by Standard Statistics Company. December financing totaled $75,000,000, of which $40,000,000 represented stocks and the remainder bonds.

MONEY MARKET

New York Quotations

Call loans—	Today	Last Pre.	Yr. Ago
Stock Exch...	3 %	3 %	1½%
Curb Exch, renewal rate..	3½%	3½%	2 %
Com paper...	3¾@4	3¾@4	2¾@3
Bar silver	29¾c	29⅝c	30c
Time loans—			
60 to 90 days.	3½@4	3½@4	2¼@2½
4 to 6 months	3½@4	3½@4	2½@3

Bankers' Acceptance Market

30 days	3⅛@3	3⅛@3	1⅞@1¾
60 days	3⅛@3	3⅛@3	1⅞@1¾
90 days	3⅛@3	3⅛@3	1⅞@1¾
4 months ...	3¼@3	3¼@3	2 @1⅞
5 months ...	3⅜@3¼	3⅜@3	2⅛@2
6 months ...	3⅜@3¼	3⅜@3¼	2⅛@2

London Quotations

Call money ..	3¾%	3¾%	1¼%
Short bills ...	5½@6	5½@6	2¼
3 mos bills ...	5⅝@6	5⅝@6	2¼
Bar gold		122s 9d	85s ¾d
Bar silver ...	19 1/16d	20 1/16d	13⅞d

Boston Quotations

Call money....	4 %	4 %	3½%
Com paper ...	3½@4	3½@4	3½@4
Coll loans....	5	5	5

Leading Central Bank Rates

Atlanta	3½%	Bombay	8%
Boston	3½	Budapest	8
Chicago	3½	Calcutta	8
Cleveland	3½	Copenhagen	6
Dallas	4	Helsingfors	8
Kansas City	3½	Lisbon	7
Minneapolis	3½	London	6
New York	3½	Madrid	6½
Philadelphia ...	3½	Oslo	6
Richmond	4	Prague	6
San Francisco ..	3½	Paris	2½
St. Louis	3½	Riga	6
Amsterdam	3	Sofia	9½
Athens	11	Rome	7
Berlin	7	Tokyo	6.57
Berne	2	Stockholm	6
Bucharest	8	Vienna	8
Brussels	2½	Warsaw	7½

Foreign Exchange Rates

Current quotations in foreign exchanges compare with the last previous figures as follows:

Europe	Today	Last Prev	Parity
Sterling:			
Demand	$3.38¼	$3.35⅞	$4.8665
Cables	3.38¾	3.35⅛	4.8665
France—franc ...	.0392 1/16	.0392⅞	.0392
Belgium—belga ..	.1391	.1391	.139
Italy—lira	.0510	.0508	.0526
Germany—mark .	.2378	.2375	.2381
Austria—schill'g .	.1400	.1400	.1407
Cz'ch'via—crown..	.0296½	.0296½	.0296
Denmark—krone..	.1870	.1865	.268
Finland—finm'rk..	.0160	.0159	.0252
Greece—dr'chma..	.0129½	.0129½	.129
Holland—florin ..	.4015	.4017	.402
Hungary—pengo..	.1749	.1745	.1749
Norway—krone ..	.1860	.1850	.268
Poland—zloty ...	.1130	.1130	.1122
Port'gal—escudo...	.0300	.0300	.4420
Roumania—leu....	.0059¾	.0059¾	.5960
Spain—peseta ...	.0846	.0844	.193
Sweden—krona..	.1915	.1900	.268
Switz'land—franc..	.1954	.1953	.193
Jugoslavia—dinar..	.0178	.0178½	.0176
Far East			
Hongkong—dol ..	.2480	.2500	*
Shanghai—tael ..	.3262½	.3300	*
India—rupee	.2575	.2545	.3650
Japan—yen	.3525	.3500	.4984
Phil Islnds—peso..	.4975	.4962½	.50
Sts Stlments—dol..	.4000	.3975	.5678
South America			
Argentina—dol ..	.2581	.2581	.4245
Brazil—milreis ..	.0625	.0625	.1196
Chile—peso	.1200	.1200	.12166
Colombia—peso ..	.9700	.9700	.9733
Peru—sol	.2200	.2800	.1196
Uruguay—peso ..	.4475	.4475	1.0342
Canada			
Canada—dollar ..	.8475	.8450	1.00
Mexico			
Mexico—peso	.4920	.4925	.4985

*Bar unsettled.

Chartered 1836

GIRARD TRUST COMPANY
PHILADELPHIA

From the Ninety-Fifth Annual Report of the Company for the year ending November 30th, 1931

Capital and Surplus .	$20,000,000.00
Deposits	82,052,861.85
Trust Funds . . .	861,824,548.81
Corporate Trusts .	1,428,944,890.45

OFFICERS

EFFINGHAM B. MORRIS
Chairman of the Board

ALBERT A. JACKSON
President

WILLIAM NEWBOLD ELY, *Vice-President* — JONATHAN M. STEERE, *Vice-President*
GEORGE H. STUART, 3rd, *Vice-President* — GILBERT L. BISHOP, Jr., *Vice-President*
EFFINGHAM B. MORRIS, Jr., *Vice-President* — THOMAS S. HOPKINS, *Treasurer*

EDWARD T. STUART
Secretary

MANAGERS

EFFINGHAM B. MORRIS	EDGAR C. FELTON	ALBERT A. JACKSON
HENRY TATNALL	W. HINCKLE SMITH	EDWARD B. LEISENRING
C. HARTMAN KUHN	B. DAWSON COLEMAN	JOHN A. HARTFORD
EDWARD J. BERWIND	CHARLES J. RHOADS	WILLIAM CURTIS BOK
EDWARD T. STOTESBURY	JAY COOKE	EDWARD HOPKINSON, Jr.
CHARLES E. INGERSOLL	MORRIS L. CLOTHIER	R. R. M. CARPENTER
JOHN S. JENKS	ELISHA LEE	ARTHUR C. DORRANCE

Reproduction of an Advertisement Appearing in 1907

CHARTERED 1836
GIRARD TRUST COMPANY
PHILADELPHIA
Capital and Surplus - - - $10,000,000

OFFICERS:
EFFINGHAM B. MORRIS, President
WILLIAM NEWBOLD ELY, 1st Vice Pres. — ALBERT ATLEE JACKSON, 2d Vice Pres.
C. J. RHOADS, 3d Vice Pres. & Treasurer — EDWARD S. PAGE, Secretary
GEORGE H. STUART, 3d Asst. Treasurer — SAMUEL W. MORRIS, Asst. Secretary

MANAGERS:

Effingham B. Morris	George H. McFadden	Edward J. Berwind
John A. Brown, Jr.	Henry Tatnall	Randal Morgan
Benjamin W. Richards	Isaac H. Clothier	Edward T. Stotesbury
John B. Garrett	Thomas De Witt Cuyler	Charles E. Ingersoll
William H. Jenks	C. Hartman Kuhn	John S. Jenks, Jr.
William H. Gaw	James Speyer	Henry B. Coxe, Jr.
Francis I. Gowen	Augustus D. Juilliard	E. C. Felton

As a matter of historic interest, the three leading items which were part of the statement of 1907, are given here:

Deposits	$30,000,000.00
Trust Funds	76,000,000.00
Corporate Trusts	250,000,000.00

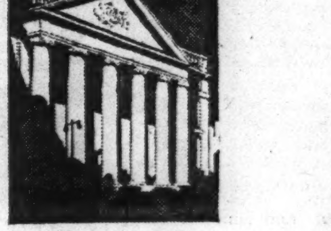
25 Years ago . . . and TODAY

In 1836, the Girard Trust Company began the first of its ninety-five years of financial history.

Not only during the past twenty-five years, but throughout its history, this Company has enjoyed a conservative and consistent growth without merger or consolidation with any other institution.

One of the factors contributing to the successful career of Stephen Girard, after whom this Company was named, was his inherent characteristic to build for continuity and permanence.

What better policy can a financial institution adopt, either in times of prosperity or depression, than this?



Chartered 1836

GIRARD TRUST COMPANY
BROAD AND CHESTNUT STREETS . . . PHILADELPHIA

Longest in the Unit Trust field.

Originator of Uselps, Nation-Wide.

CALVIN BULLOCK

NEW YORK CITY

A GOOD RESOLUTION . . . Decide now to join our

1932 Christmas Club

A little money saved
each week will solve
the problem of
Christmas giving.

Send or call for descriptive leaflets

The United States Savings Bank
of the CITY *of* NEW YORK
Chartered 1889
58th Street and Madison Avenue, New York City

"I've put my Money to Work"

"I HAD some money saved, but I never realized what income it could be made to pay me."

This man brought his question to us as hundreds of thousands of others before him had. We showed him how he could plan a successful financial program for himself—one that should establish his independence in years to come. He purchased really *progressive* investments, based on earnings of leading companies.

An interesting booklet, "How to Plan Your Financial Future," tells twelve personal financial stories, typical of people we have helped. You may find an interesting parallel. Mail coupon for your copy. No obligation.

S. W. Straus & Co., Incorporated
Dept. CS-238, 36 Federal St., Boston

Gentlemen: Send me without obligation "How to Plan Your Financial Future."

Name__________

Address__________

Tune In—One of radio's most unusual features—"Kaltenborn Edits the News." Tuesdays and Thursdays at 7:30 P. M. over WABC and Associated Stations.

DIVIDENDS

Tung-Sol Lamp Works, Incorporated, declared the regular quarterly dividend of 25 cents on the common, payable Feb. 1 to stock of record Jan. 20.

Tidewater Oil Company declared the regular quarterly dividend of $1.25 on the preferred, payable Feb. 15 to stock of record Jan. 16.

Atlas Powder Company declared the regular quarterly dividend of $1.50 on the preferred, payable Feb. 1 to stock of record Jan. 20.

Massachusetts Power & Light Associates, a part of the New England Power Association, declared the regular quarterly dividend of 50 cents on the $2 preferred dividend, payable Jan. 15 to stock of record Jan. 6.

North American Gas & Electric Company declared a dividend of 10 cents on the class A and an initial dividend of $1.50 on the $6 preferred stock. Previously 40 cents quarterly was paid on the common. Both dividends are payable Feb. 1 to stock of record Jan. 15.

American Machine & Foundry Company declared the regular quarterly dividend of 35 cents, payable Feb. 1 to stock of record Jan. 21.

Federal Knitting Mills declared the regular quarterly dividend of 61¼ cents on the common, payable Feb. 1 to stock of record Jan. 15.

Loew's Boston Theatres Company declared the regular quarterly dividend of 15 cents, payable Feb. 1 to stock of record Jan. 16.

Hollinger Consolidated Gold Mines declared the regular monthly dividend of 5 cents, payable Jan. 28 to stock of record Jan. 14.

Lawrence Gas & Electric Company, part of the New England Power Association, declared a quarterly dividend of 90 cents, payable Jan. 13 to stock of record Jan. 6.

Great American Insurance Company declared the regular quarterly dividend of 40 cents, payable Jan. 15 to stock of record Jan. 8.

Rockland Light & Power Company declared a dividend of 22 cents, payable Feb. 1 to stock of record Jan. 15.

Loew's Boston Theatres Company declared the regular quarterly dividend of 15 cents a share, payable Feb. 1 to stock of record Jan. 16.

North Boston Lighting Properties declared a dividend of $1 on the common and 75 cents on the preferred, both payable Jan. 15 to stock of record Jan. 7.

Lawrence Gas & Electric Company, a part of the New England Power Association, declared a quarterly dividend of 90 cents a share, payable Jan. 13 to stock of record Jan. 6. Heretofore the company has paid 65 cents a share.

Electric Power Associates declared the regular quarterly dividend of 25 cents on the common, payable Feb. 1 to stock of record Jan. 15.

Concord (N. H.) Electric Company declared a dividend of 70 cents on the common and $1.50 on the preferred. Exeter & Hampton Electric Company declared a dividend of $2.50, Fitchburg Gas & Electric Company declared a dividend of 68 cents, Brockton Gas Light Company declared a dividend of 50 cents, and Springfield Gas Company declared a dividend of 75 cents, all are payable Jan. 15 to stock of record Jan. 6.

COMMODITY PRICES

NEW YORK, Jan. 7—Following are commodity prices quoted on the floor of the New York Produce Exchange and comparisons with last week and a year ago:

	Jan 7	Wk Ago	Yr Ago
Wheat, 2 red	$ .73⅝	$ .74⅝	$ .94⅞
Corn, 2 yellow.....	.52⅛	.52⅝	.82⅛
Oats, 2 white	.38⅛	.37⅝	.43
Flour	4.40	4.45	4.60
Beef, family	16.00	16.00	19.50
Pork	17.75	17.75	28.50
Lard	.0580	.0615	.0940
Cotton, Mid. Up...	.0645	.0655	.1000
Zinc	.03⅝	.0315	.0415
Iron	15.64	15.51	17.76
Steel, bil Pitt	28.00	29.00	31.00
Copper	.07¼	.07¼	.10½
Tin	.2112	.2175	.2575
Rubber	.04⅝	.04⅝	.0850
Sugar	.0420	.0420	.0465
Lead	.0375	.0375	.0510
Print cloth	.03⅝	.03⅝	.0412½

SUGAR CONSUMPTION

Sugar consumption in the United States during 1931 amounted to 5,816,000 long tons, raw sugar value, according to B. W. Dyer & Co., sugar economists and brokers. This represents a decrease of 144,000 tons or 2.4 per cent in comparison with the 1930 record. The per capita consumption for the year is calculated at 106.1 pounds, compared with 108.8 pounds in 1930.

BANK OF ENGLAND

LONDON, Jan. 7—The weekly statement of the Bank of England compares as follows:

	Jan. 7 '32	Dec. 31, '31
Circulation	£362,859,000	£364,150,000
Public deposits ...	15,680,000	7,732,000
Private deposits ..	120,326,000	166,738,000
Bankers' accounts.	81,823,000	126,397,000
Other accounts....	38,503,000	40,341,000
Govt's securities...	64,890,000	95,340,000
Other securities....	55,687,000	64,902,000
Disc and adv......	19,898,000	27,290,000
Securities	35,789,000	37,612,000
Reserves	33,465,000	32,198,000
Propor res to liabs	24.6%	18.4%
Bullion	121,324,000	121,348,000
Bank rate	6%	6%

BANK OF FRANCE

PARIS, France 7—Principal items in this week's statement of Bank of France (in francs, 000 omitted) compare as follows:

	Jan. 2	Dec. 26
Gold	68,863,000	68,481,000
Sight balances abroad	12,354,000	12,839,000
Neg bill bght abroad.	7,856,000	7,560,000
Commer bills, France.	7,155,000	8,894,000
Adv agnst securities..	2,729,000	2,717,000
Negot bonds of s f...	7,157,000	7,157,000
Circulation	85,724,000	83,348,000
Total cred cur acc'ts.	28,081,000	29,512,000
Treasury	337,000	340,000
Sinking fun........	5,541,000	5,533,000
Private	21,352,000	23,152,000
Total sight liabilities.	113,806,000	113,059,000
Ratio	58.31%	60.57%
Bank rate	2½%	2½%

STRAFFORD NATIONAL BANK
of
Dover, New Hampshire

C. S. Cartland, *President* — F. R. Bliss, *Treasurer*

Fully Equipped for All Banking Service

CHAIN SYSTEM SALES

Chain store system sales compare:

LINCOLN STORES

	1931	1930	Inc %
Month end Dec 31	$472,113	$447,345	5.53
12 mos end Dec 31	3,029,440	2,889,477	4.84

The company had the same number of stores in operation in December, 1931, as during the 1930 period.

NATIONAL TEA COMPANY

	1931	1930	Dec %
December sales .	$6,474,523	$7,408,306	12.6
12 months	76,657,864	85,238,537	10.0

FARM POPULATION UP

Department of Agriculture estimates farm population at 27,430,000 on Jan. 1, compared with 27,222,000 the year previous, first increase recorded since 1922.

Merrimac County Savings Bank
Under the Clock

Resources Over $6,000,000

Start the New Year Right with a Savings Account

83 No. Main St., Concord, N. H.

BOND ISSUES LOWER

Voters throughout the country approved new state and municipal bond issues amounting to $474,489,533 in 1931, compared with $626,050,337 in 1930, according to the Daily Bond Buyer.

Merchants National Bank
of
Dover, New Hampshire
"THE BANK OF FRIENDLY SERVICE"

BUSINESS HEAD EXPECTS EARLY STABILIZATION

Economic Structure Is Slowly Rising With More Confidence

"Surveying broadly the business outlook for 1932," says Mr. A. W. Robertson, chairman of the board of the Westinghouse Electric & Manufacturing Company, "it seems to me that the plans and economic forces now at work all tend toward early stabilization.

"In spite of what is considered the worst business curtailment in our economic history, the year 1931 discloses that department store retail sales are in excess of production—that retail sales of all commodities have suffered no loss in volume over the peak established by the 1929 census, although the dollar sales values will naturally be smaller, due to falling commodity prices.

"Further, in some lines, notably leather, woolens and foodstuffs, the retail sales volume shows increases.

Business to Be Done

"These facts are cited only to prove that there is business to be done and that talk of a buyers' strike and other platitudes are matters of gross exaggeration.

"We are reliably informed that inventories are not excessive in any line and that the shelves of the country actually need repletion in most lines.

"The primary unfavorable factor operating to still further retard business today is the existing credit situation. The National Credit Corporation, formed at the suggestion of the President, has been operating for only a few weeks. It is a logical expectancy that such activities will be widely extended to relieve credit tension in other lines.

Intensity Sales Efforts

"In any industry and particularly in times of depression there is usually an effort on the part of modern minded management to intensify promotion advertising and sales efforts in order to get its share of the going business.

"This is an entirely healthy and normal process, and it is through this form of competition that the American public has been progressively supplied with better and cheaper merchandise.

"Any opinion regarding the immediate future of the electrical manufacturing industry or in fact any industry must be highly qualified because at this writing there is no denying that current business is practically solely dependent on our ability to broaden our existing markets.

Power Industry Sound

"The outstanding economic phenomenon of the current business recession has been and continues to be the operating and expenditure records of the electric light and power industry. Their expressed confidence in the future is surpassed by no other business. Their ownership is spread throughout the country almost as extensively as their service.

"This industry faced the common woes of all business. In the face of rapidly falling power demand due to curtailment in industry, they were enabled to spend literally hundreds of millions of dollars for improvements, expansion nad maintenance because their credit ad borrowing capacity is relatively unimpaired by the weakness of general business.

"These vast expenditures for raw materials and finished products together with maintenance of employment and wages has contributed mightily to general business and obviated much additional unemployment in other lines.

Natural Resources Unimpaired

"Nothing material has been destroyed. Our natural resources and national wealth are unimpaired. Money is very widely distributed as is attested by the statements of savings bank insurance companies and other investment organizations.

"Our capacity to produce, in most lines, more than the current demand is not a cause for concern but rather the taking up of this slack seems to me to be the first job to be done.

"In spite of so-called hard times there still remain great volumes of business for those who want it hard enough to go after it and who are not afraid of new ideas and new methods.

"Ideas create new wants and junk old stand-bys. The novelties of yesterday such as the automobile, radio and electric refrigeration are the staples of today. Likewise today's novelties will be the necessities of tomorrow.

Sounder Policies Predominate

"While working our way out of the present situation it might be well to keep before us the fact that idle dollars are capable of as much distress and economic mischief as idle hands. Money going into banks, already glutted with deposits for which they have no market, instead of into consumptive goods is just as serious a problem as a shortage for legitimate needs. A panic of plenty can prove as disastrous as drought, flood or any other form of disaster.

"Our whole industrial and business structure is rapidly being whipped into sounder policies and practices. The process slowly forced upon most industries is now about accomplished.

"Business leaders having finished this job, are now looking upward and forward toward increasing business volume, and with the constructive coöperation and leadership available, gradual but sure recovery of general business is extremely promising."

UTILITY WANTS VOTING POWER

Union Electric Light & Power Company of Missouri, operating subsidiary of North American Edison Company, is seeking authority from Public Service Commission of Missouri to own 25 per cent of voting trust certificates for common stock of Laclede Power & Light Company, with which it is in competition in St. Louis. Utilities Power & Light Corporation owns majority of the voting trust certificates of Laclede.

COMMUNITY POWER INSOLVENT

A committee has been formed for the protection of holders of the one-year 5½ per cent secured gold notes of American Community Power Company, due Nov. 1, 1931. The company defaulted in the payment of principal then due, and receivers have been appointed by the Court of Chancery of the State of Delaware.

New York Curb

By the Associated Press

INDUSTRIALS

Sales (in hundreds)		High	Low	12:30
4	Ainsworth	5⅛	5⅛	5⅛
†50	Ala Gt Sou pf	33	33	33
†1000	Alum Co Am	52½	50	51⅛
1	Alum Co Am pf	63⅛	63⅛	63⅛
6	Am C Pow A	½	½	½
9	Am C Pow B	⅜	⅜	⅜
1	Am Cyan B	3¼	3¼	3¼
3	Am Equities	1⅝	1⅝	1⅝
20	Am & Fgn P war	4¼	3¾	4¼
2	Am Founders	⅝	⅝	⅝
36	Am Gas & El	36⅛	35⅛	35⅛
1	Am Maize	11	11	11
18	Am Sup Power	4⅛	4⅛	4⅛
1	Am Sup P 1 pr	83¼	83¼	83¼
100	Anglo-Chi Nit	1-16	1-16	1-16
11	Appalach Gas	1-16	1-16	1-16
3	Ark Nat Gas	2⅛	2⅛	2⅛
11	Ark Nat Gas A	2⅛	2⅛	2⅛
10	As G&E A (5%f)	4¼	4⅛	4⅛
8	Atlas Util	4½	4⅜	4½
1	Atlas Util war	1⅛	1⅛	1⅛
	B			
1	Ben Ind Loan (1½)	10½	10½	10½
1	Blue Ridge	1⅝	1⅝	1⅝
1	Braz Tr & Lt (1)	9⅜	9⅜	9⅜
2	Brit Celan	1⅝	1⅝	1⅝
5	Buf N&EP pf (1.60)	21	21	21
	C			
1	CAM Co pf	⅛	⅛	⅛
15	Can Marc Mirel	⅞	⅞	⅞
1	Carnegie Met	1⅜	1⅜	1⅜
12	Cent Pub S A	1⅛	1⅛	1⅛
2	Cent St El	2	2	2
32	Cities Service	6	5¾	5⅞
1	Claude Neon Lts	1⅛	1⅛	1⅛
20	Colomb Syn	1-16	1-16	1-16
2	Comwlth Ed rts	1¼	1¼	1¼
2	Comwlth & So war	1-16	1-16	1-16
1	Cons G & E Balt	64	64	64
1	Cons G Ut A	2	2	2
1	Cont Shar cvt pf	2½	2½	2½
3	Cord Corp	7⅜	7¼	7¼
10	Creole Pet	1⅛	1⅛	1⅛
	D			
3	Dayton Airpl	1-16	1-16	1-16
1	Deere & Co	9½	9½	9½
8	De Forest	1⅛	1⅛	1⅛
1	Derby Oil	1¾	1¾	1¾
91	Durant Mot	⅝	½	⅝
	E			
4	East Sta Pow B	2¾	2¾	2¾
1	East Util As A	21	21	21
215	El Bond & Sh	12⅛	11⅝	11¾
3	El P & L opt war	4½	4½	4½
†150	Emp G&F 7 pf	44	43⅝	43⅝
	F			
6	Ford M Can A	10	9¾	10
10	Ford Mot Ltd	5¼	5¼	5¼
3	Fox Theatre A	½	½	½
	G			
1	Gen Aviation Corp	3⅛	3⅛	3⅛
1	Glen Alden (4)	19⅞	19⅞	19⅞
1	Globe Underwr (.40)	4¾	4¾	4¾
1	Goldfield Cons	1-16	1-16	1-16
6	Goldman Sachs	2⅝	2⅝	2⅝
144	Gt Atl&P nv (6½G)	144	143	144
†50	Greir Strs pf	5	5	5
11	Gulf Oil Pa	28?	27½	28
	H			
1	Hazeltine (1)	6⅞	6⅞	6⅞
1	Hires A (2)	21	21	21
†2450	Horn & Hard (2½)	27¼	27¼	27¼
	I			
6	Ill P&L 6% pf (6)	8¼	8⅛	8¼
1	Imp O Can Reg (½)	8¼	8¼	8¼
1	Insull Util (6%f)	5¼	5¼	5¼
2	Ins Co N Am (2½g)	31½	29⅝	31½
2	Internat Pet (1)	9⅜	9⅜	9⅜
10	Inter Prod	¾	⅝	⅝
2	Ital Superpow A	1¾	1¾	1¾
	K			
2	Kolster Brandes	1⅛	1⅛	1⅛
	L			
1	Lefcourt Real	4⅝	4⅝	4⅝
30	Lehigh C & N	11½	11½	11½
2	Leonard Oil	1-16	1-16	1-16
1	Lone Star Gas	8⅜	8⅜	8⅜
†10	Long Is L pf	98	98	98
5	Louis L & E	⅝	⅝	⅝
	M			
2	Magdalena Syn	1-16	1-16	1-16
3	Mavis Bott A	⅝	⅝	⅝
18	Mid West Util	6⅛	5⅞	6
1	Mid W Ut pf xw	36⅛	36⅛	36⅛
4	Mo Kan P L	1¼	1¼	1¼
1	Mohawk Min (1)	12¼	12¼	12¼
	N			
1	Nat Avia	2⅜	2⅜	2⅜
5	Nat Food B	¼	¼	¼
1	Nat Fuel G (1)	12	12	12
†300	Nat P&L 6% pf (6)	66¾	66	66¾
1	Nat P Serv A (1.60)	7½	7½	7½
2	Nat Trans (1)	7½	7⅛	7½
1	New Bradford	½	½	½
†20	N E Pow pf (6)	52⅛	51¾	52⅛
1	N J Zinc (2)	24	24	24
3	Newmont Min	12½	11⅞	12½
1	NY P&Lt 7 pf (7)	2⅛	2⅛	2⅛
†25	NY Tel 6½ pf (6½)	110½	110½	110½
18	Niag Hud Pow (.40)	6⅝	6½	6½
5	Niag Shares Md	3	2⅞	2⅞
4	Nipissing Mines	1	1	1
	O			
1	Ohio Cop	⅛	⅛	⅛
	P			
	Pac G&E 1 pf	225⅝	225⅝	225⅝
2	Pac P Ser new pf	10½	10½	10½
9	Pennroad	2½	2¼	2¼
1	Pioneer Gold M Ltd	3	3	3
3	Pruden Inv	4Q	4⅛	4⅛
4	Pub Ut Hold xw	½	½	½
†90	Pure Oil pf (6)	44	44	44
	R			
5	Relian Intl A	1⅛	1⅛	1⅛
1	Relian Manage	1⅜	1⅜	1⅜
17	Rep Gas	½	⅜	⅜
2	Rockl L & P (.90)	9⅞	9⅞	9⅞
	S			
3	St Regis Pap	3½	3⅜	3½
6	Seaboard Util (.28)	1¼	1⅛	1⅛
2	Seeman Bros (3)	25	25	25
1	Segal Lock	1¾	1¾	1¾
1	Sel In (al ctf) (5½)	30¼	30¼	30¼
1	Shenandoah	1¾	1¾	1¾
1	South Pipe	9	9	9
10	St Oil Ind	15¾	15⅛	15⅛
1	St Oil Ky	13¾	13¾	13¾
1	Stutz Mot Am	11	11	11
1	Swift & Co	18½	18½	18½
3	Swift Int	21¾	21½	21¾
1	Swiss-Am El pf	40	40	40
	T			
3	Tastyeast Inc A	½	½	½
1	Technicolor	2	2	2
1	Tech Hugh G	4¼	4¼	4¼
25	†Tenn El Pow 1T pf	85	85	85
1	Transcont Air	2⅞	2⅞	2⅞
9	Tri Utilities	⅛	⅛	⅛
	U			
1	Unit Corp war	3½	3½	3½
1	Unit El Serv	3¼	3¼	3¼
13	Unit Founders	2	2	2
8	United Gas	2⅛	2	2
3	Unit Gas pf (7)	47¾	47	47¾
1	Un Lt & P A (1)	6⅜	6⅜	6⅜
2	Un Lt & P cv pf (6)	43	42⅛	42⅛
1	U S & Int Sec	¼	¼	¼
1	U S Dairy Pr A (6)	59½	59½	95½
5	U S Elec Pow	1⅝	1½	1⅝
1	Unit Stores vtc	⅜	⅜	⅜
5	Util P & Lt (10%f)	2⅝	2¼	2⅝
5	Utility & Ind	2⅝	2½	2⅝
1	Util & Ind pf (1½)	8⅛	8⅛	8⅛
	V			
1	Vick Finan (.30)	3¾	3¾	3¾
	W			
1	Wil-Low Caf	1⅞	1⅞	1⅞
2	Woolworth Ld (.178)	8⅜	8⅜	8⅜
	DOMESTIC BONDS (Sales in $1000)			
4	Ala Pow 5s '68	89½	89½	89½
3	Alumin Ltd 5s '48	65	65	65
3	Am Cmwlth Pw 6 '40	6½	6½	6½
5	Am&Con Corp 5s '43	43	43	43
1	Am El&Pow 6s 57A	37	37	37
5	Am G&E 5s 2028	83½	83½	83½
1	Am G&Pow 5s '53	28⅛	28⅛	28⅛
16	Am Pow&L 6s 2016	77	77	77
1	Am Roll M 5s '48	46	46	46
6	Appalach Gas 6s '45	9	8⅞	9
2	Ark Pw&Lt 5 '56	79½	79½	79½
2	Asso G&E 5½'38 inv ct	34½	34½	34½
58	Asso G&E 5s '50	38	37	37½
1	Asso G&E 5½s '77	42½	42½	42½
10	Asso G&E 5s '68	38⅛	38	38
5	Asso G&E 4½s '48	36	36	36
41	Asso G&E 4½ '49 C	36¼	35⅝	36
18	Asso T Util 5½ '44C	51½	51	51½
9	Asso T&T 5½s '55 A	68	65⅛	68
2	Bell T Can 5s '57 B	85	85	85
6	Bell T Can 5s '60 C	84½	84½	84½
14	Can Nat Ry 4½s '51	75¼	74⅞	75
1	Caterp Trac 5s '35	82¼	82¼	82¼
2	Cent Ill PS 5s '68 G	85	85	85
1	Cent P&L 5s '56	62¼	62¼	62¼
23	Cent P Ser 5½s '49	20	19¼	19¼
15	Cent St El 5½s '54	34½	34½	34½
2	Cent St P&L 5½s '53	45½	45	45½
45	Cities Ser 5s '50	46¼	45¾	46⅛
7	Cities Ser P 5½s '52	55	54⅝	54⅝
9	Cleve El Il 5s '61 B	100	100	100
5	Comlth Ed 4½s '56C	92½	92½	92½
6	Comlth Ed 4½s '57D	92⅝	91½	92⅝
1	Comlth Ed 4s '81F	80	80	80
3	Com P&L 5s '57	50	49	49
3	Cons G B 5½s '52E	106¼	105½	106¼
15	Cont G & E 5s '58A	62½	62	62½
4	Cudahy P 5½s '37	82⅛	82	82
2	East Ut Inv 5s '54A	24	24	24
27	Ed El Ill 5s '33	99¾	99½	99¾
2	El P&L 5s 2030	56⅞	56⅞	56⅞
8	Emp O&R 5½s '42	46	45⅝	45⅝
1	Fed Sug 6s '33	2⅛	2⅛	2⅛
2	Fed Wat 5½s '54	31⅛	31⅛	31⅛
1	Firestone C M 5s '48	65½	65½	65½
4	Fla Pow&Lt 5s'54	71½	71	71½
7	Gatineau Pow 5s'56	66⅛	63⅛	63½
1	Gatineau Pow 6s'41	55	55	55
10	Gen Bronze 6s'40	39⅞	39½	39⅞
2	Gen Mot Accp 5s'33	98	98	98
3	Geo Pow 5s'67	88⅝	88	88
12	Gillette 5s'40	80	80	80
3	Glidden Co 5½s'35	75	74⅞	75
3	Gulf Oil Pa 5s'47	92¾	92½	92¾
8	Houst L&P 4½s'81E	70	70	70
3	Idaho Pow 5s'47	96⅝	96¼	96⅝
3	Ill P&Lt 5s'56 C	78	77¼	77¼
12	Ill Pow&Lt 6s'53 A	89½	88	89½
3	Ind E 5s'51 C	57	57	57
1	Ind & Mich 5s'55	92½	92½	92½
23	Indnapls P&L 5s'57A	95	94	95
16	Insull Ut In 6s'40B	37¼	37¼	37¼
10	Int P S 7s '57 E	75¼	75¼	75¼
5	Int P S 6½s '54B	90¼	90¼	90¼
8	Int Sec A 5s '47	42½	42¼	42½
5	Int N G 6s '36 xw	101½	101½	101½
1	Int Pow 5s '57	64¾	64¾	64¾
5	Ia-Neb L&P 5s '57	72¾	72¾	72¾
3	Ia Pub S 5s '57	82	80	80
1	Ky Ut 6½s '48D	93	93	93
5	Kop G&C 5½s '50	72	71½	71½
8	Kop G&C 5s '47	67⅞	67⅞	67⅞
5	Lehigh PS 6s 2026 A	77	77	77

Sales		High	Low	12:00
9	Mass G 5½s '46	92½	90⅛	92½
29	Mass Ut 5s '49 A	90	87	90
41	McCallum Hosiery	42	42	42
6	Metro Ed 4s '71	78	78	78
5	Mid West U 5s '32	67	67	67
3	Mid W Ut 5s '33	47½	47⅜	47⅜
5	Milw G Lt 4½s '67	92⅝	92⅝	92⅝
5	Miss R P 6s '44 ww	81	81	81
2	H M SS L6½s'37ww	5	5	5
14	Nat P&Lt 6s 2026 A	80¼	78¼	78¼
5	Nat P&Lt 5s 2030 B	68	68	68
1	Nat Pub S 5s '78	37¼	37¼	37¼
1	Nebr Pow 6s A 2022	90	90	90
1	Nevada Cal El 5s'56	72⅛	72⅛	72⅛
19	N E G&E 5s '50	61	59⅝	60½
3	N E Pow 5s '48	64	64	64
4	N Y P & Lt 4½s'67	86½	86½	86½
1	Niag Falls Pow 6s'50	104	104	104
2	Nor Ind Pub S 5s'69	87⅛	87⅛	87⅛
1	Nor State P 5½s'40	83	83	83
5	Nor State P 4½s'61	84	83¾	84
2	Ohio Edison 5s'60	94	93⅜	93⅜
2	Pac G&El 4½s'57 E	89½	89½	89½
10	Pac G&E 4½s'60 F	87¾	87¾	87¾
1	Pac G&E 5½s'52 C	101¼	101¼	101¼
3	Pac P&L 5s'55	73½	73½	73½
5	Pac West Oil 6½s'43	52⅞	52⅞	52⅞
1	P O P&Lt 5½s'54 A	94⅞	94⅞	94⅞
46	Phila El Pow 5½s'72	100⅜	100¼	100¼
1	Piedmt El 6½s'60 A	52	52	52
4	Proc & Gam 4½s '47	99	97¼	97¼
2	Pug Sd P&L 5½s '49	78	78	78
1	Pug Sd P&L 5s '50 C	71	71	71
2	Roch Cent Pw 5s '53	35	35	35
16	SafeHarWat 4½s'79	90¼	90	90¼
1	Servel Inc 5s '48	65	65	65
2	ShawW&P 4½s '67 A	68	68	68
1	ShawW&P 4½s '70 D	68	68	68
3	ShawW&P 5s '70 C	74	74	74
1	Sheffield Stl 5½s '48	70	70	70
40	SEP&L 6s 2025 A xw	77¼	76¾	77
4	So Cal Ed 5s '51	98¼	98¼	98¼
1	So Cal Gas 5s '37	83¼	83¼	83¼
1	South N Gas 6s '44	30	30	30
1	S'wst G&E 5s '57 A	73	73	73
1	S'wst L&P 5s '57 A	63	63	63
15	S'wst P&L 6s 2022 A	74	74	74
2	Std G&E 6s '35	70⅞	70⅞	70⅞
1	Std G&E 6s '51	64	64	64
4	Std G&E 6s '66	62	61⅞	62
13	Std P&L 6s '57	62½	62⅜	62½
3	Stand Tel 5½s'43	50	50	50
1	Swift & Co 5s'44	99¾	99¾	99¾
2	Tri Util 5s'79	2	2	2
1	Ulen & Co 6s'44	20	20	20
1	Union G Corp 5s'50	92	92	92
1	Un Lt&P 6½s'74	64	64	64
2	Un Lt&Ry 5½s'52	61½	60½	61½
1	U S Rub 6½s'34	63	63	63
5	Virg El Pw 5s'55 A	97	97	97
1	Virg P Ser 5½s'46 A	70½	70½	70½
1	Ward Bak 6s'37	90	90	90
5	West Tex Ut 5s'57A	59½	58½	58½
	FOREIGN BONDS (Sales in $1000)			
1	Agri Mtg Bk 7s'47	22	22	22
3	Bogota Mt Bk 7s'47n	22⅛	22⅛	22⅛
1	B Aires Prov 7½s'47	30	30	30
3	B Aires Prov 7s'52	30	30	30
7	Europ Mtg 7s '67 C	30	30	30
15	Fin Ind Bk 7s '44	59	59	59
4	Ger Cons M 7s '47	31	31	31
1	Ger Cons M 6s '47	28	28	28
2	It Sup P 6s '63 A xw	36½	36½	36½
7	Prussia El 6s '54	28	26	26
3	Rio de Jan 6½s '59	12	10½	12
3	Ruhr Gas 6½s '53 A	29	29	29
1	Sauda P 5s '55 A	90	90	90
10	Saxon P W 5s '32	31	31	31
20	Stinnes 7s '46 xw	29½	28½	29½

†Actual sales. XD—Ex-dividend. XR—Ex-rights. a—Plus extra. b—Plus 10% in stock. e—Paid last year. f—Payable in stock. g—Partly extra. h—Plus 5% in stock. k—Paid so far this year. j—Partly stock. r—Cash or Stock.

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is described in a folder just published, copies of which can be had upon request.

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Salmon P. Chase, *Secretary of the Treasury under* Lincoln

THE CHASE NATIONAL BANK
of the City of New York
PINE STREET CORNER OF NASSAU

STATEMENT of CONDITION DECEMBER 31, 1931

BOARD of DIRECTORS

◆

Albert H. Wiggin
John McHugh
Charles S. McCain
Winthrop W. Aldrich
Harry M. Addinsell
Frederic W. Allen
Frank Altschul
Vincent Astor
Gordon Auchincloss
Earl D. Babst
Howard Bayne
Amos L. Beaty
Hugh Blair-Smith
Henry S. Bowers
Edward N. Brown
Francis H. Brownell
Kenneth P. Budd
H. Donald Campbell
Henry W. Cannon
Newcomb Carlton
Walter S. Carpenter, Jr.
Malcolm G. Chace
Harold Benjamin Clark
Robert L. Clarkson
Howard E. Cole
Edward J. Cornish
Harvey C. Couch
Frederic R. Coudert
Paul D. Cravath
Bertram Cutler
Gerhard M. Dahl
Thomas M. Debevoise
Clarence Dillon
Franklin D'Olier
Frederick H. Ecker
Halstead G. Freeman
Tom M. Girdler
David M. Goodrich
E. Carleton Granbery
Edward H. R. Green
Augustus H. Griswold
William E. S. Griswold
Henry O. Havemeyer
Charles Hayden
James N. Hill
Arthur G. Hoffman
Ralph C. Holmes
George H. Howard
Daniel C. Jackling
Lewis Cass Ledyard, Jr.
James T. Lee
L. F. Loree
H. Edmund Machold
John R. Macomber
John C. Martin
Thomas N. McCarter
Chas. G. Meyer
Albert G. Milbank
Jeremiah Milbank
George M. Moffett
George Welwood Murray
Joseph D. Oliver
Henry Ollesheimer
Eugenius H. Outerbridge
Thomas I. Parkinson
Frank L. Polk
Samuel F. Pryor
Lyman Rhoades
Andrew W. Robertson
Ferdinand W. Roebling, Jr.
Reeve Schley
Carl J. Schmidlapp
Charles M. Schwab
Alfred P. Sloan, Jr.
Lloyd W. Smith
Robert C. Stanley
Cornelius Vanderbilt
Thomas F. Vietor
George E. Warren
George P. Whaley
Henry Rogers Winthrop

RESOURCES

Cash and Due from Banks		$ 333,571,055.17
U. S. Government Securities		162,946,534.10
Short Term Municipal Securities maturing within two years		35,938,156.26
Other State and Municipal Securities		3,693,744.43
Other Short Term Securities maturing within two years		39,390,644.62
Federal Reserve Bank Stock		9,330,000.00
Other Bonds and Securities		76,803,363.05
Loans and Discounts		1,154,633,725.71
Real Estate		34,065,297.73
Redemption Fund—U. S. Treasurer		809,632.50
Customers' Acceptance Liability	$141,935,541.55	
Less Amount in Portfolio	8,642,644.82	133,292,896.73
Other Assets		4,194,129.71
		$1,988,669,180.01

LIABILITIES

Capital		$ 148,000,000.00
Surplus		124,000,000.00
Undivided Profits		19,075,093.30
Reserve for Taxes, Interest, Contingencies, etc.		25,475,337.35
Dividend Payable January 2, 1932		7,400,000.00
Deposits		1,459,114,886.43
Circulating Notes		16,176,650.00
Acceptances	$148,383,523.61	
Less Amount in Portfolio	8,642,644.82	139,740,878.79
Liability as Endorser on Acceptances and Foreign Bills		39,183,155.87
Other Liabilities		10,503,178.27
		$1,988,669,180.01

This statement does not include the statements of any of the organizations affiliated with The Chase National Bank

FOREIGN OFFICES
London, England (2) Havana, Cuba Panama City, Republic of Panama Cristobal, Canal Zone

Offices of Representatives
Berlin, Unter den Linden 57 Rome, Piazza Mignanelli, 3

THE CHASE BANK
Paris, 41 Rue Cambon and 31 Avenue George V Mexico City, Calle Condesa No. 3
Shanghai, 6 Kiukiang Road Hongkong, 6 Queens Road Central Tientsin, 1 Victoria Road

The National City Bank of New York
including
Domestic and Foreign Offices

CAPITAL, SURPLUS and UNDIVIDED PROFITS
$225,347,466.11

Condensed Statement of Condition as of December 31, 1931

ASSETS

Cash in Vault and in Federal Reserve Bank	$174,642,878.70	
Due from Banks and Bankers	183,551,727.68	$ 358,194,606.38
Loans, Discounts and Bankers' Acceptances		913,237,064.08
United States Government Bonds and Certificates	$250,611,950.54	
State and Municipal Bonds	8,485,995.63	
Stock in Federal Reserve Bank	6,600,000.00	
Other Bonds and Securities	106,892,429.76	372,590,375.93
Ownership of:		
International Banking Corporation		8,000,000.00
Bank Buildings		61,523,248.12
Items in Transit with Branches		9,846,619.36
Customers' Liability Account of Acceptances		126,849,742.60
Other Assets		7,733,764.87
Total		$1,857,975,421.34

LIABILITIES

Capital	$124,000,000.00	
Surplus	90,000,000.00	
Undivided Profits	11,347,466.11	$ 225,347,466.11
Reserves for:		
Contingencies		25,534,154.61
Accrued Interest, Discount and Other Unearned Income		4,411,279.24
Taxes, Accrued Expenses, et cetera		11,058,409.64
Dividend Payable January 2, 1932		6,200,000.00
Liability as Acceptor, Endorser or Maker on Acceptances and Bills		166,721,252.20
Deposits		1,418,702,859.54
Total		$1,857,975,421.34

Figures of Foreign Offices which are included herein are as of December 24, 1931.

Head Office:
55 Wall Street
New York

CUMBERLAND PIPE LINE COMPANY

Cumberland Pipe Line Company has set aside $600,000 to pay the company's first dividend in liquidation amounting to $20 a share. The dividend will be paid after Jan. 25 upon presentation by stockholders of stock certificates. A liquidation receipt-certificate will be issued to each of the stockholders and sent to him with the first dividend in liquidation.

TREASURY OFFERING

WASHINGTON, Jan. 7—The Treasury offers $50,000,000 91-day bills on which tenders will be received to 2 p. m. Jan. 11. Bills will be dated Jan. 13 and mature April 13. Proceeds will go to retirement of $51,000,000 bills.

WOLVERHAMPTON
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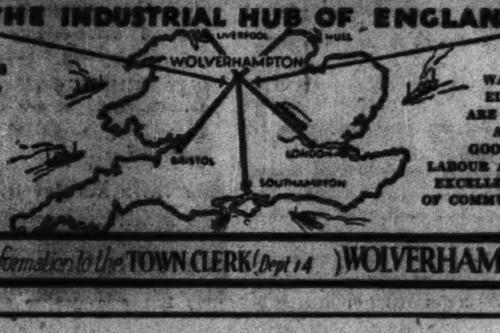

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Write for Information to the TOWN CLERK (Dept 14) WOLVERHAMPTON

The
New England Trust Company
DEVONSHIRE & MILK STREETS
Boston

STATEMENT OF CONDITION
December 31, 1931

ASSETS

Cash in Vaults and with Federal Reserve Bank	$ 3,953,062.97
Due from other Banks	2,890,394.58
United States Government Securities	5,494,000.00
State and Municipal Securities	393,026.70
Acceptances of other Banks	175,000.00
Brokers Demand Loans	778,000.00
Notes Eligible for Rediscount (Due within 90 days)	1,513,800.00
	$ 15,197,284.25
Other Bonds and Securities	3,718,248.47
Secured Loans	6,657,909.68
Unsecured Loans	2,741,904.19
Banking Houses	1,975,000.00
Accrued Interest and Other Assets	234,264.25
	$ 30,524,610.84

LIABILITIES

Capital	$ 1,000,000.00
Surplus	2,000,000.00
Undivided Profits	1,016,786.22
Reserve for Contingencies	250,000.00
Reserve for Taxes and Interest	98,782.94
Reserve for Unearned Income	69,814.46
Deposits	26,089,227.22
	$ 30,524,610.84

BOSTON'S OLDEST TRUST COMPANY

CANALS WEAVE NETWORK AMONG MIAMI SUBURBS

Coconut Grove Homes Given Quick Access to Bay and Open Sea

Special to The Christian Science Monitor

MIAMI, Fla.—Traffic in Miami's streets becomes so congested during the winter season that respite from the jam of automobiles is found whenever possible, in pleasure craft of all sorts along the numerous natural and artificial waterways that abound in this region.

Not only along Miami's bayfront do yachts congregate from all parts of the globe, bringing docking space to a premium in winter, but in the quiet suburban section to the south known as Coconut Grove, where many notables have built their homes along the bay, pleasure craft of all sizes dot the surrounding waters.

Coconut Grove is the oldest settlement in southern Florida, having been an established village years before Miami was settled. Vacationists came here in their yachts, discovering the beautiful palm-lined shores along the southern reaches of the bay, and laid out large estates.

This was long before the railroad was extended down the east coast of Florida, so the only means of access to the settlement was by boat. Naturally it was people who loved the water who settled here, many retired naval officers being among the number.

With the remarkable growth of Miami, the town of Coconut Grove has been absorbed officially into the city, but still retains its individuality as a unique residential community built along the shores of the bay.

When many of the old large estates were being cut up into subdivisions, the fact that this is a yachtsman's town was not forgotten. To provide docking space at the door for all who wished such a location, canals were dug 1000 or more feet inland from the bay with turning basins at their heads. Thus many a smaller home has the luxury of a private dock at its very door along these calm, palm-shaded waterways which lead into the bay and the ocean.

An almost endless lane for yachts and small motorboats is made by the numberless waterways which cut through the land on both sides of the bay, and in and out around the man-made islands and on out to the Gulf Stream in the Atlantic. This system of interlocking canals with the bay and ocean makes Miami veritably what it is often called, "the yachtsman's paradise."

Exclusive Camps To Cover Island

Special to The Christian Science Monitor

KINEO, Maine, Jan. 7—Development of Sugar Island in Moosehead Lake as the site of an exclusive colony by which the 1000 wood acres of the island will be divided among some 30 persons whose camps must cost a minimum of $50,000 is the latest tribute to the sports facilities and scenic beauties which are among Maine's natural charms. Sugar Island, 4½ miles long by 2½ wide, rises 400 feet above the lake's surface, commanding rare views.

Moosehead Lake, in the heart of the primeval forests of northern Maine, is one of the largest lakes wholly within the United States, having an area of 117 square miles and stretching northward from its southern extremity at Greenville 40 miles to North East Carry, within two miles of the upper waters of the Penobscot.

The projected camps will be of log cabin or Swiss chalet style, and must be approved by the company's architect to guard against the introduction of inharmonious effects. Access from the mainland will be provided by a bridge 1000 feet long. Landscape engineers are planning extensive physical improvements, including 12 miles of service and inland roadways. The program should be completed within two years.

YALE RADIO CLUB OPERATES SHORT WAVE

Special to The Christian Science Monitor

NEW HAVEN, Conn., Jan. 7—On the top floor of the Dunham Laboratory of Electrical Engineering at Yale University is located radio station W1YU. This is a short-wave station operated by the Yale Radio Club, which has a membership of 30, and is open to all members of the university, half of its present membership coming from Yale College. The club has corresponded with stations located in every continent except Asia during the year in which it has been in existence.

Several students keep in touch with the stations at the preparatory schools they attended before entering Yale, or with amateur operators in their home towns. There are some naval graduate students who keep in contact with their Alma Mater through communication with friends at station NZO, located at Annapolis. A Sheffield School senior has located a station in his home town in Michigan, and uses the radio in lieu of letters.

HOME PURCHASE PLAN FOR VETERANS URGED

A Massachusetts board to finance the purchase of farms and homes for war veterans on an easy payment plan would be formed under the provisions of a bill filed in the Legislature today by Representative C. F. Nelson Pratt of Saugus. The maximum amount allowed on a farm would be $5000 and a home $7500.

The plan provides that a veteran wishing to buy a farm or home would appeal to the board which would determine if the building is worth the purchase. If found worthy, the purchase would be made and a down payment of 10 per cent on the farm and 5 per cent on a home, required. To meet the initial cost, the bill authorizes the State to issue bonds.

Automobiles Can't Jam This Traffic

TYPICAL CANAL IN COCOANUT GROVE, FLA.

Miami News Service

Lawrence Opens Intensive Drive On 'Speakeasies'

Special to The Christian Science Monitor

LAWRENCE, Mass., Jan. 7—This city of mills has started an intense campaign against the "speakeasy."

Alderman Thomas F. Galvin, director of public safety, under whose supervision the police department now functions, has announced that every "liquor establishment in the city must be closed by next Monday at the latest." Mr. Gavin addressed the entire police department yesterday and told them what he was going to expect from them during his term of office.

Mr. Galvin said that every unlawful establishment in Lawrence has been ordered to close its doors before next Monday. "They will close their doors," he continued, "and I intend to see to it that they remain closed." Alderman Galvin reminded the police in his address that they were under a new régime and he made it clear that "the safety of the city is now in the hands of each officer and responsibility for that safety rests on the shoulders of every officer who walks a beat."

"People want a change in conditions in this city," the director of public safety declared, "and they are going to get it with the police department under this new régime." Alderman Galvin has requested reports from every police officer of illegal places on their beats. Capt. Charles R. Voss was appointed as acting marshal in charge of the campaign.

Music

Sigrid Onégin

The unavoidable absence of Elisabeth Rethberg made necessary a shift in the plans of the committee which arranges the programs of the Boston Morning Musicales for the benefit of the Boston School of Occupational Therapy. Thus for the second recital in the present series the committee presented Mme. Sigrid Onégin, contralto, with Mr. Bermann Reutter at the pianoforte. Mme. Onégin offered four groups, the first of which comprised an aria from Rossini's opera, "Semiramide." There followed a pair of songs by Franz and a pair by Jensen. Group three comprised two arias from "Macbeth" by Verdi, and the final group was composed of folk songs (so called) from England, Switzerland, Sweden, Greece, Hungary and Germany, sung in the original languages.

Although the aria from "Semiramide" is deluged with the vocal torrents peculiar to its era, Mme. Onégin surmounted its technical difficulties in a manner which brought her prolonged applause. Of quite different mood was "Es hat die Rose sich beklagt," by Franz. Here the singer found opportunity to display her command of simple yet sustained melodic line. Her rich contralto tones were heard to excellent advantage, although an unfortunate tendency to "scoop" a top note upon the upward swing of the melody somewhat marred the complete effectiveness of this and subsequent songs. Wholly satisfying, however, did one find her presentation of "Murmelndes Lueftchen" by Jensen, further distinguished by the excellence of Mr. Reutter's accompaniment.

The most pretentious numbers on the program were of course the pair of arias from "Macbeth." They represent Verdi in not too inspired an attempt at musical dramatization of the Shakespearean text, yet with the material at hand Mme. Onegin succeeded in re-creating a considerable amount of the "atmosphere" of the sleep-walking scene, and in the Aria and Cavatina she brought forward her resourcefulness in depicting, through the medium of full-throated if somewhat explosive tone, the crescendo of the "Song of Triumph."

A morning of song which appeared to be much appreciated by her large audience and a program to which the singer graciously made additions.

G. M. S.

MANY ANIMALS AIDED BY HUMANE SOCIETY

Officers of the Massachusetts Society for the Prevention of Cruelty to Animals traveled more than 17,000 miles during December in investigating 685 animal cases, Mr. Francis H. Rowley, president of the society, reports.

The president's report also states that more than 534,800 members have now been enrolled in the Jack London Club, while the American Humane Education Society has received reports of 918 new Bands of Mercy. The total number organized by the Parent-American Society is 185,055.

JUDGE CABOT PASSES ON

Mr. Frederick P. Cabot, judge of the Juvenile Court of Boston, who passed on last night, was distinguished for his work for the welfare and happiness of children. His work was recognized by President Hoover, who in 1929 appointed him a member of the President's Committee on the White House Conference on Child Health and Protection.

Radio Tonight

EASTERN STANDARD TIME

WEEI, Boston (590kc-508m)

5:00 O'Leary's Irish Minstrels.
5:15 Talk, "The Art of Living."
5:45 NBC, Russ Columbo and orchestra.
6:00 Wadsworth Howland Program.
6:15 NBC, Waldorf-Astoria Orchestra.
6:30 Old Painter; announcements; news.
6:45 The Stebbins Boys.
7:00 NBC, Vermont Lumberjacks.
7:15 NBC, Campbell Orchestra.
7:30 [illegible] Orchestra; soloists.
8:00 NBC, Vallée Yankees; soloist; Lois Moran.
9:00 NBC, Arco Dramatic Musicale.
9:30 NBC, Adventures of Sherlock Holmes.
10:00 NBC, Conrad orchestra; Gill orchestra.
11:00 Forecasts, E. B. Rideout; news.
11:15 Mickie Alpert and his orchestra.

WBZ and WBZA, Boston and Springfield (990kc-303m)

5:00 NBC, Matinée Orchestra; soloists.
5:30 Agricultural market review.
5:40 "Pied Piper of Radioland."
6:00 Studio announcements; news.
6:15 Edward McEnelly's Orchestra.
6:45 NBC, Lowell Thomas.
7:00 Time; NBC, "Amos 'n' Andy."
7:15 NBC, Jesters Male Trio.
7:30 Michael Ahern, baritone.
7:45 The Inquiring Reporter.
8:00 NBC, Dixie Spiritual Singers.
8:15 NBC, "Rin-Tin-Tin Thriller."
8:30 "New England Lullaby"; orchestra.
8:45 NBC, Sisters of the Skillet.
9:00 NBC, Sanderson and Crumit, songs.
9:30 NBC, Maxwell House Melodies.
10:00 NBC, A. & P. Gypsies Orchestra.
10:30 NBC, Clara, Lu and Em.
10:45 NBC, Hirsch Orchestra; soloists.
11:00 Studio announcement; news.
11:15 Egyptian Room Orchestra.
12:00 Edward McEnelly's Orchestra.

WNAC, Boston (1230kc-244m)

5:00 The Dance Parade.
5:30 Musical Mirror; soloist; orchestra.
5:45 [illegible] Orchestra.
6:00 News; announcements.
6:15 Stage Star Salute.
6:30 Close Friends with Bob Emery.
6:45 Golden Trail of Melody.
7:00 CBS, "Myrt and Marge."
7:15 CBS, "Bing" Crosby; orchestra.
7:30 CBS, Editing the News.
7:45 CBS, Morton Downey; orchestra.
8:00 The Bath Club; interview of Eve Garrette Grady; soloist; orchestra; quartet.
8:15 CBS, Abe Lyman's Orchestra.
8:30 Soloist; organ and piano duets.
8:45 CBS, "Your Child," Angelo Patri.
9:00 CBS, Mills Brothers, Negro quartet.
9:15 CBS, Seiberling Singers.
9:30 CBS, Magazine Hour sketches.
10:00 Program from Boston Garden.
11:00 Hockey report, Frank Ryan.
11:30 Weather; talk; news; time.
11:45 Joe Solomon's Orchestra.
12:00 CBS, Guy Lombardo's Orchestra.
12:30 a. m.—CBS, Louis Panico's Orchestra.
1:00 CBS, Marion Hardy's Orchestra.
1:30 CBS, Claude Hopkin's Orchestra.

WAAB, Boston (1410kc-213m)

5:00 CBS, Biltmore orchestra.
5:30 CBS, "Salty Sam, the Sailor."
5:45 The Happy Repairman.
6:00 CBS, Freddie Martin's orchestra.
6:30 CBS, Connie Boswell, songs.
6:45 CBS, Stretz Orchestra.
7:00 News; studio announcements.
7:15 "Highlights of the News."
7:30 Bob Emery; Opportunity Night.
7:45 Yankee String Ensemble.
8:00 The Gossipers.
8:15 "The Mystery Baritone."
8:30 CBS, "Quiet Harmonies."
8:45 Chemical Society talk.
9:00 Meyer Davis's Le Paradis Band.
9:30 Organ recital; soloist.
10:00 CBS, Trumpeters; Edwin C. Hill.
10:30 Nat Shilkret's orchestra.
11:00 Time; news; weather.
11:15 Columbia Symphony orchestra.
11:30 George Olson's orchestra.

WHDH, Boston (830kc-361m)

5:00 p. m.—Anne Walker, soprano.
5:15 "Songs We Love to Hear."
5:45 Evening Musicale.
5:50 Rhythm Twins.
6:00 "Album of Dreams."
6:30 "The Monitor Views the News."

Tomorrow's Features

WEEI

8:00 a. m.—NBC, Gene and Glenn.
8:15 a. m.—E. B. Rideout; news.
8:15 a. m.—NBC programs.
12:15 p. m.—News.
12:45 p. m.—Neapolitan Dutch Girls.
1:00 p. m.—"The Daily Tattler."
2:00 p. m.—Neapolitan Dutch Girls.
2:30 p. m.—New England Kitchen.
3:00 p. m.—NBC, Women's Radio Review.
4:00 p. m.—News.
4:20 p. m.—Luttringer's Players.

WBZ

7:45 a. m.—NBC and studio programs.
1:30 p. m.—Luncheon ensemble.
1:45 p. m.—Committee on Highway Safety.
2:30 p. m.—"Cohen and Clancy."
2:45 p. m.—Mormon Tabernacle Choir.
3:15 p. m.—Al Sillari, accordionist.
3:30 p. m.—Home Forum Cooking School.
4:00 p. m.—Cavaliers Orchestra.
4:15 p. m.—Studio period.

WNAC

6:30 a. m.—Studio and musical programs.
10:00 a. m.—CBS, and studio programs.
12:15 p. m.—King's Chapel service.
1:00 p. m.—CBS and studio programs.
4:00 p. m.—Spotlight Modern Education.
4:15 p. m.—CBS, Light Opera Gems.
4:30 p. m.—Organ recital.

WAAB

7:45 a. m.—Time; news; records.
8:45 a. m.—CBS and Studio programs.
1:00 p. m.—Luncheon music.
1:15 p. m.—CBS, George Hall's Orchestra.
2:00 p. m.—News.
3:00 p. m.—The Rhythm Band.
3:30 p. m.—Women's Federation.
4:00 p. m.—Matinée String Orchestra.
4:30 p. m.—CBS, "Lady From Louisiana."
4:45 p. m.—CBS, Curtis Institute of Music; string quartet; soloist.

LOS ANGELES CURFEW SHALL BLOW—IN 1932

LOS ANGELES, Jan. 7 (AP)—The curfew that blew its nightly warning back in the '90s is to continue to blow in 1932.

For the second time in three weeks the City Council voted to retain the whistle atop the municipal gas plant that nightly bellows at nine o'clock. A labor organization asked repeal of the curfew law on grounds that the whistle disturbed meetings.

Southern Trade Expected to Gain In United States

South-bound commerce of the United States may yet rival its east-bound commerce in its economic importance although the main trade routes of the world have always run east and west rather than north and south, according to the January issue of Boston Business, official organ of the Boston Chamber of Commerce.

"Commerce grows out of the territorial division of labor, of which international division of labor is an important part," the article says. "Each region tends to specialize on certain products for whose production it has some special advantage, and to exchange its surplus of these products for other products for whose production some other region has some special advantage.

"In the United States, cotton and its products move northward; breadstuffs, meat, and dairy products southward. There is a tendency for the population to diffuse itself with equal density both east and west, except in the arid belt. This probably means that such territorial division of labor as was based on differences of density will tend to disappear, and with it will disappear the preponderance of east and west over north and south freight haulage. North and south freight will grow more rapidly than east and west freight."

SIMMONS GRADUATES KEEP SALARIES UP

How graduates of the Simmons College Library School are weathering the present business period is indicated by statistics grathered by Miss June R. Donnelly, director of the school, and made public yesterday. Of 723 graduates to whom a questionnaire was sent in October, 33 desired positions but were unable to find them. Sixteen of the 33 graduated last June.

Of 630 graduates now in full-time positions, 32.5 per cent reported the same salaries they had the year before, and only 7.5 per cent reported decreases. The average full-time salary was $1961. The average salary reported in a questionnaire sent out in 1930 was $1954. Salaries ran a scale from $900 to $5500. Forty-one and one-half per cent of those on full time receive $2000 or over. Of those who answered the questionnaire this year, one-third are graduates of 1927 or earlier classes.

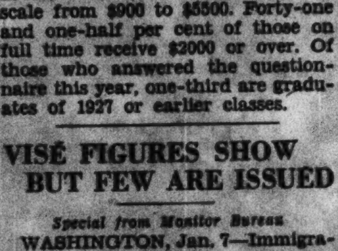
VISÉ FIGURES SHOW BUT FEW ARE ISSUED

Special from Monitor Bureau

WASHINGTON, Jan. 7—Immigration visé figures received by the Department of State from American consular officers abroad show that only 530 visés of a possible 12,365 were issued during the month of November, 1931, to immigrants of 21 countries. Incomplete returns from consuls in other countries indicate that only 89 visés of a possible 454 monthly total were given out.

In this connection consular officers have been informed that in view of the serious unemployment situation now existing particular care must be taken to determine whether the applicants for visés may become public charges.

NEW Cunningham RADIO TUBES



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Most popular receivers can now be retubed complete for $5.40 to $9.00—depending upon the combination of Cunninghams your set requires.

See Your Dealer at once

Funds Shortage Halts Relief Work In New York City

Special from Monitor Bureau

NEW YORK, Jan. 7—Relief to persons in their homes who are unable to work was suspended temporarily by the Emergency Relief Bureau yesterday, following a report from Mr. Charles W. Berry, city comptroller, to the effect that money was not available to take care of the obligations. Mr. Berry made his report to Mr. Frank J. Taylor, welfare commissioner, who ordered the 79 branches of the bureau to discontinue receiving applications for relief until further notice.

Neither Mayor James J. Walker nor Mr. Taylor would discuss the reasons for the financial difficulty. In informed quarters it was said, however, that the inability was temporary and was due to delay in financing the sums which the city required for relief and other needs.

The Board of Estimate voted $5,000,000 on Dec. 18 to help persons in their homes. Only about $60,000 has been distributed among needy persons as yet, according to estimates at the bureau. This relief was chiefly in the form of food cards which may be presented at grocery stores and markets for stipulated amounts of food. Most of the money was given in cases of dire emergency, Mr. Taylor said, and the merchants who filled these orders will be paid on the tenth or the twenty-fifth of the month at the comptroller's office, where funds are in hand to take care of these obligations.

Applications for home relief have been piling up at the various offices of the bureau at the rate of 5000 a day, it was said. The $5,000,000 home relief fund has no connection with the $15,000,000 which the Board of Estimate voted to provide work for about 30,000 men, or with the $18,000,000 which the emergency unemployment relief committee collected.

Boston Art Notes

Vose Galleries

An impressive display of pictures by Old Masters is the present showing at the Vose Galleries in Copley Square. English and Continental painters of the later Renaissance and the dawn of the modern era are to be seen.

Though there is no common subject or school to unite these works, there is in them a common dignity, a splendor, a finesse which characterized the crowning achievements of the Renaissance. Here, for instance, are to be seen a German portrait by a painter fictitiously named "Master of Frankfort," portraits by Ingres, David, Sir Joshua, Sir Thomas Lawrence—and all of them reveal the heights reached by the styles of their respective countries. If the German was meticulous, smooth, meditative, the Englishman was vague, soft, sentimental. The Vose collection is rich in English works by the prominent painters in the not too lengthy list which that country produced.

A "Hercules and Omphale" is by Alessandro Varotari, a name unfamiliar to us. The picture is done in the ruddy tones and with the round, wholesome character of the Venetian painters.

Outstanding is a picture by Chardin, a still-life made not only attentively in the matter of details but with an alacrity of brush strokes.

By the numerous visitors at Vose's, one judges that the Old Masters still hold the reverence of art lovers.

Katherine Lane

At the Guild of Boston Artists, there is a display of work both usual and unusual by Miss Katherine W. Lane.

Miss Lane's portrayals in bronze of animals are familiar to all of us. Stags, does, donkeys, whippets, greyhounds and elephants figure in her repertoire. They are all made deftly. Miss Lane has not the slurring quality so characteristic in sculptors of today. She works very conscientiously. Sometimes perhaps her attentiveness to the part obscures the significance of the whole as a plastic unit.

A series of plaster models, made in preparation for some brick carvings just completed for the Institute of Biology, Harvard, exhibit Miss Lane as worker in flat, or what we may call ostensibly sunk relief. She has made her pattern by cutting a deep gouge so that it tells as a modeled line. The figures of animals appear as though they were in relief, though they are no more than large incised drawings. Miss Lane has traced these portrayals with freedom and vigor, so that they will tell at a great distance. The problem is very different from that of the small, carefully modeled bronzes.

D. A.

PERSONNEL CHANGES ON BEER COMMITTEE

WASHINGTON, Jan. 7 (AP)—Another resignation from the Senate Committee on Manufactures subcommittee to hold hearings on increasing the alcoholic content of beer yesterday forced a revision in its personnel. Senator Bronson Cutting (R.) from New Mexico withdrew from the committee because of lack of time. Senator Morris Sheppard (D.) from Texas, a prohibitionist, recently withdrew also.

Senator Henry D. Hatfield (R.) from West Virginia, a friend of prohibition, and Senator Robert J. Bulkley (D.) from Ohio, an advocate of 2.75 beer, and Senator Jesse H. Metcalf (R.), chairman, from Rhode Island, are the other members of the subcommittee.

BRITISH MINE OWNERS PROTEST FRENCH TAX

By Radio from Monitor Bureau

LONDON, Jan. 7—Lord Hyndley, chairman of the British Coal Importers Association, is to attend the international conference on coal marketing which meets at Geneva Jan. 11 under auspices of the League of Nations.

He goes at the request of the British Government because colliery owners here have after all decided not to be represented. Their abstention is a protest against the surtax imposed by France upon British coal.

TAX EXEMPTION PROPOSED

Special to The Christian Science Monitor

GARDINER, Me., Jan. 7—To encourage home building, Mayor William O. Cobb, in his inaugural address on Monday, recommended exemption from all taxes over $1000 the first year.

De Sitter Accepts Einstein Position

PASADENA, Calif., Jan. 7 (AP)—Agreement between Dr. Willem de Sitter, natural scientist of Holland, and Dr. Albert Einstein, German mathematician, on the solution of the universe was announced yesterday at a lecture given by Dr. de Sitter at Mt. Wilson Observatory before Dr. Einstein and about 30 famous savants.

The two men advanced conflicting theories several years ago, Dr. Einstein contending that the universe was stationary and Dr. de Sitter that it was in motion. In his lecture yesterday, Dr. de Sitter said that he and Dr. Einstein agreed now that the universe is in motion. The agreement was brought about through observations made at the observatory here which disclosed that the nebulae, or most distant stars are receding from the earth at a rapid pace.

Local Classified

Other Than United States and Canada

Advertisements under this heading appear in this edition only. Rate 1/3 a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines, must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Post Wanted heading.

BOARD AND RESIDENCE

PARIS VICINITY—Comfortable Family Pension, fine garden, every facility of communication; terms Frs. 45 to 70 daily inclusive. 18 bis, rue de l'Eglise, Neuilly.

POST WANTED

GERMAN AGRICULTURIST, university training, has passed special examinations in plant growing, 9 years' experience in Germany as practical agriculturist and plant grower with 4 years activity in subtropics : s expert and head of seed cultivation institute seeks suitable post. Box 83, The Christian Science Monitor, Unter den Linden 59 A, Berlin NW, Germany.

BUSINESS man, university degree (Dr.), 30, seeks managerial post, preferably industry; hitherto manager melioration machining; long experience technique, farming. C. GADE, Uetersen/Holst., Gr. Wulfhagen 27, Germany.

BUSINESS man, matriculated, 26, 6 years export and import trade, also expert agencies, seeks post; would represent firms with good & successful articles. HERMANN GADE, Einbeck/Hann., Mägdebrink 6, Germany.

BUSINESS man, hitherto occupied big business concerns home & abroad, experienced accountant, perfect Russian, good Polish, English, French; Christian Scientists preferred. RUDOLF BUCHHOLZ, Altona, Behnstr. 85, Germany.

PAYING GUESTS RECEIVED

PARIS VICINITY—13 minutes train, modern, comfortable, French pension; moderate terms; tennis, billiards, boating lake, garage. MADAME MULLER, 4 Bd. d'Enghien, Enghien (S-&-O).

SMALL HOTELS AND PENSIONS IN EUROPE

SWITZERLAND

GENEVA
PENSION MIRABEAU
4 Rue de Candolle
Situated facing garden Les Bastions and University.
Every comfort. Renowned cooking.

GENEVA
The Misses Long offer
Nicely situated Home with every comfort. 6 Rue St. Victor (Tranchées)

GENEVA
MISS A. RHEINWALD receives a few young ladies; comfort and family life; facility for learning French; opposite University and park.
12 Rue de Candolle

GENEVA—PENSION KER ASSAS
Clos Belmont 14; quiet situation; shady garden; every comfort; excellent table; moderate prices.

JAN.31
U.S. MAIL
DEC.31

NEARLY A MONTH TO GO!

With That Gift Combination Offer

One of Uncle Sam's postmen will have room in his big bag until *Jan. 31, 1932*, for the Special Gift Combination offer of The Christian Science Publishing Society.

If for any reason it has been necessary for you or your friends to drop a subscription, take advantage of this temporary measure — the Gift Combination — at a *very reduced rate.*

Don't let yourself or your friends be without these messengers of cheer and helpfulness at the time when they are most needed.

Special $1.50
Gift Combination
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(ONE ISSUE)
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General Classified

Advertisements under this heading appear in the Atlantic, Central and Pacific editions of The Christian Science Monitor. Rate 60 cents a line. Minimum space four lines. An application blank and two letters of reference are required from those who advertise under most of these headings. Write or call for detailed information.

AGENTS WANTED

MARY FREEMAN—Publisher's Agent for Margaret Howard's book "Truly Stories from the Surely Bible"—invaluable to Bible lovers. Three dollars Postpaid. (Representatives invited—Commission good) 44 Tiffany Boulevard, Newark, New Jersey.

SHOW us the housekeeper that likes to clean stair corners; Ideal Corner Dust Shields keep the corners clean; 300% profit selling and installing these shields; write today. IDEAL STAIRWAY EQUIPMENT CO., Canton, Ohio.

EMPLOYMENT SERVICE—MEN

SALARIED POSITIONS $1500 to $25,000—The undersigned provides a thoroughly organized service of 22 years recognized standing through which preliminaries are negotiated for position of the calibre indicated, the procedure is individualized to each client's personal requirements, your identity covered and present position protected; not a registration bureau; send only name and address for details. R. W. BIXBY, INC., 130 Downtown Building, Buffalo, New York.

HOMES WITH ATTENTION

Tenacre Inc.

Tel. Princeton 755 PRINCETON, N. J.
Rest home of refinement; highest standards; experienced care if needed. New Jersey State License. Descriptive Booklet. Under management of MRS. KATHRYN BARMORE.

HOUSES FOR SALE

CALIFORNIA residence $13,000, was $19,000; modern 6½-room, 2-story, overlooks San Diego bay and golf course; all sunny rooms and sunbath balcony; fruit trees and pool; garage for 2 cars; also would lease. Box 63, Coronado, Calif.

MISCELLANEOUS

Anti-Skid Base for Dial Phones
Rubber (pat. pending), holds desk phones steady on any surface. Protects desk edges. Fits "French" and upright types. 50c postpaid. City distributorships open to men able to buy just ahead of their agents' sales. Exclusive territory. Address sole distributor, SAYRE CO., 325 Burnside, Portland, Ore.

MOVING AND STORAGE

NOBLE R. STEVES
MOVER
Wishes to thank the readers of The Christian Science Monitor for the many opportunities of service. 184 Harvard St., Dorchester, Mass. Tel. Talbot 2400.

ORGANISTS

GENTLEMAN desires organ position; experienced and capable. B-2, 1058 McCormick Building, Chicago.

REAL ESTATE

Joe Brown REALTORS Ed M. White
Medford, Ore., in the heart of the Rogue River Valley
"This is a great country."

PASADENA, CALIF.—Furnished or unfurnished residences, short or long lease, in beautiful Oak Knoll or San Marino. Make reservations with W. W. TAYLOR, 24 N. Los Robles.

REPRESENTATIVES WANTED

START IN BUSINESS—We supply high grade hosiery at absolute wholesale prices; write for particulars. LENOX HOSIERY CO., 366 Fifth Ave., New York City.

SITUATIONS WANTED—MEN

ACCOUNTANT-OFFICE MANAGER—Age 35; costs; tact and diplomacy in governing personnel; 12 years thorough experience in manufacturing; locate anywhere. Box X-1, 1058 McCormick Bldg., Chicago, Ill.

WANTED

PARTNERS with established office in Chicago and long sales experience would like to represent additional concerns in middle west. W-32, 1058 McCormick Bldg., Chicago.

Local Classified

Advertisements under this heading appear in this edition only. Rate 30 cents a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under most of these headings. Write or call for detailed information.

ACCOMPANISTS

ACCOMPANIST—Experienced; available for singers; part-time. Pupil of Godowsky and Josephy. Write Box T-1, Room 1804, 270 Madison Ave., New York City.

AGENTS WANTED

AGENTS WANTED to sell food product; a wonderful opportunity for whole or part-time workers; a good repeat business of your own; agent purchases goods outright and sells at profit. CHARLES R. DAVIS, 261 Union Street, Newton Centre, Mass.

APARTMENTS—FURNISHED

N. Y. C., 646 West End Ave. (91st St.)—Three rooms, bath, including kitchen; electric refrigeration, radio. Tel. Schuyler 4-5943 mornings.

APARTMENTS—UNFURNISHED

BROOKLYN, N. Y.—5 rooms, modern improvements; $48 per month; near transit. MRS. S. RUBIN, 2421 E. 2d St. Coney Island 6-3568.

N. Y. C., 17 W. 95th—Large one room apartments, baths, kitchenettes, electric grates, improvements; $45 including gas. Riverside 9-3851.

NEW YORK CITY, 2523 University Ave.—High class garden apartment house; 3 blocks from church, 3-5 rooms, $50 and $75.

N. Y. C., W. 57th St.—Sublet, January-October, large room, kitchenette, Frigidaire, large closets, bath, service. BRENNER, PL. 3-3500.

APARTMENTS TO SHARE

BROOKLYN—Business girl will share 3-room apartment or sublet; reasonable. Call evenings Mansfield 6-3040.

NEW YORK CITY (Tudor City)—Will share my modern, spacious 1-room apartment, kitchenette, Frigidaire, suitable for 2, quiet, $30 monthly. Write Box M-64, Room 1804, 270 Madison Ave., New York City.

AUTHORS' SERVICE

SUCCESSFUL author offers to beginners class or private instruction in story writing, personal correspondence, criticism of manuscripts. Write Box S-65, Room 1804, 270 Madison Ave., New York City.

AUTOMOBILES FOR HIRE

MARMON limousine, elegant, $2 hour; $300 month, or by trip; owner drives; reference. Flatbush 2-3200. BACHMAN, 175 Fenimore St., Brooklyn, N. Y.

BUSINESS SERVICE

Constructive Service
The rendering of service must take precedence over the gathering of profits. We ask only that remuneration which is freely given by those for whom we have done satisfactory work.
AUDIT COMPILATION BOOKKEEPING
TAX REPORTS
SALES ANALYSIS AND PROMOTION
INVENTORY
All work strictly confidential and satisfaction guaranteed.
EDWARD S. WELLS
471 Third Ave., N. Y. C. Tel. Hollis 506402

BUILDERS AND CONTRACTORS

HUDSON FULTON
CONSTRUCTION CO., Inc.
Specialists in Landscape Construction, Roads, Swimming Pools, Walls, Ponds, Dams, Tennis Courts, Rock Gardens, etc.
Estimates cheerfully given.
WILTON, CONN. Tel. Wilton 244

DRESSMAKING

DRESSMAKER, experienced all branches, out by day or work home. MISS RICHARDS, 808 Park Place, Brooklyn, N. Y. Lafayette 3-8855.

GOWNS REMODELED OR ALTERED
We re-create your old gowns to conform to the newest FASHION
Tel. Endicott 0629 for appointment (N. Y. C.)

EMPLOYMENT AGENCIES

A B C REGISTRY (AGENCY)
ADELE E. GUTMAN, Prop.
University 4-3510 Reliable Attendants N. Y. C.

QUEENSBORO PLACEMENT BUREAU gives courteous and intelligent service to supplying household help. Agency, 3763 82nd St., Jackson Heights, N. Y. Pom. 6-7480.

FURNITURE

FOR SALE—Unusual new and used furniture every room, Simmons Beautyrest mattresses, studio beds; very cheap; open evenings; free delivery. GEORGE'S AUCTION ROOMS, 912 Columbus Ave., N. Y. (104th-105th), 8th-9th Ave. L to door. Academy 2-9068.

HAIRDRESSERS

HARVARD BARBER & BEAUTY SHOP, Maurice L. Kornberg, Prop. 23A Harvard St., Brookline, Mass. Marcelling a specialty.

MISS EVE
formerly of Pierre's
Specialist in All Lines of Beauty Culture
EXCLUSIVE RESIDENTIAL SERVICE
Tel. Wash. Hgts. 7-8079

SEE NEXT PAGE

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APARTMENTS TO LET

Longwood Towers
BROOKLINE

THE attention of those contemplating changing their residence quarters this winter is invited to Longwood Towers. Accommodations range in size from single non-housekeeping rooms with shower to seven room apartments with three baths and housekeeping facilities. Rentals—$50 to $450 monthly.

The Restaurant has become noted for the excellence of its cuisine. Service of meals in the apartments is also provided for. A subterranean garage adjoining the building provides for 200 cars, with complete lubricating and auto laundry service. Maid service, window washers and housemen are available at reasonable hourly rates. All apartments are provided with artificial refrigeration. A garbage chute to incinerator from each apartment. Telephone switchboard safe deposit vaults; completely equipped children's nursery . . . are all available.

LT

The MYLES STANDISH

At Bay State Road and Beacon, overlooking the placid Charles. Luxuriously appointed foyers and lounges; cheerful, gloriously sunny suites; complete and capable hotel staff service; fine dining room. Just ten minutes to center of City.

NORDBLOM MANAGEMENT

CAMBRIDGE
WHITEFIELD HALL
19 Garden Street

Convenient to Harvard Square, Colleges and Christian Science Church. Fireproof construction, automatic elevators, refrigeration, incinerators, fireplaces, etc. Desk service, also maid service if desired. 1 to 6 rooms—1 and 2 baths.

FURNISHED OR UNFURNISHED
ATTRACTIVE CAFE

Intelligent, considerate service assured. Also Concord and Lexington Halls.
THOMAS BURDETT, Mgr. Uni. 2263 or 3984

BROOKLINE, MASS., $47, Reservoir Rd.—Quiet American section; near schools, steam and electric cars; 5 sunny rooms, bath, 2 large porches; furnished $52. ASPinwall 8733.

FURRIERS

FURS repaired, relined, renovated like new at lowest prices; expert workmanship; we call and deliver. CANTOR BROS., 165 Tremont St., Boston. Lib. 2724.

HELP WANTED—MEN

TO an experienced paperboard salesman commanding trade in New England we will give our exclusive representation in that territory to sell our product of high grade set up and folding paper box boards. Address THE CHESAPEAKE PAPERBOARD CO., Key Highway and B. & O. R. R., Baltimore, Md.

TWELVE unemployed young men, over 21, to act as contact men for insurance agent; commission. H. S. HART, 305 E. 161st St., Bronx, N. Y.

HOMES WITH ATTENTION

SUNNY SOUTH — Country estate one mile from town on beautiful lake. For those desiring rest, study and recreation. Artistic environment; delightful open fireplaces. Apply CLARA CLARK TAFT, Box 67, Kissimmee, Fla.

Hillrest
MRS. AMBER C. DOW
473 Waltham Street, West Newton, Mass.
A home for rest and study.
Experienced care if needed. Tel. W. N. 1789-W

HOUSES TO LET

NEAR PINEHURST, N. C.—Nine-room furnished modern house, garage; servants' quarters; stable; rent $800 until June 1st; or smaller house, furnished, $400; pictures can be shown. Address or apply MARY A. MACFARLAND, 452 Riverside Drive, N. Y. C.

ST. PETERSBURG, FLA.—Attractively furnished 12-room house, in beautiful North Shore section; 75 yards from waterfront; 5 bedrooms, 3 baths, 2 sun rooms with tile floors, large living rooms, furnace, fireplaces; garage with servants' rooms; reasonably priced for winter rental. JOSEPH D. ARNOLD, 825 18th Ave. Northeast.

OFFICE FURNITURE

FOR SALE—Large selection new and used furniture for office or studio. DRIVER DESK COMPANY, 6 East 33d, New York City.

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BALTIMORE, MD., 924 Cathedral St.—Practitioner's office to rent any hours after 1 p. m.; also large, warm, sunny room. Vernon 6073.

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Lake Ronkonkoma, Long Island, N. Y. Artistic and cultured environment for study and recreation. Modern heating; open fireplace.
Booklet Ronkonkoma 18

PIANO TUNING

GUARANTEED AND EXPERT PIANO TUNING. MARCEL RIOU, 2053 45th St., Astoria, Long Island, N. Y. Tel. Astoria 10171.

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ORGANS MAINTAINED
tuned, repaired or rebuilt on an economical annual contract basis. Pianos tuned and repaired.
HENRY LEHR
27 years' experience—serving Greater New York.
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DICTATION, Mimeographing, Multigraphing, Typing; accurate clean work; moderately priced. AHRENS, Suite 1118, 15 Park Row, N. Y. C. Barclay 7-0046.

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RYE, N. Y.—A fine old house to be remodelled, on plot 160x200, in valuable location with view Long Island Sound; concession price $18,000.

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SCARSDALE, N. Y.—An exceptional offering by Mortgage Company acquired by foreclosure; 7 rooms and 3 baths, $20,000, small cash payment; desirable neighborhood; excellent school; also several desirable low rentals. For appointment call BRUBAKER, Scarsdale 2795, or write P. O. Box 297.

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BROOKLINE, MASS., 29 Winchester St.—Attractive rooms for permanent or tourist guests; twin beds, laundry privileges. Reg. 6024.

BROOKLYN, N. Y., Flatbush, 109 Sterling St., cor. Bedford Ave., two blocks Sterling St. Station I. R. T. or Prospect Park Station B. M. T.—Two single rooms, both adjacent to bath, $6 each; suitable business gentlemen; no other roomers. GROSSER. Flatbush 2-10296.

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POSITION by thoroughly experienced production manager; factory efficiency a specialty; familiar with woodworking and metal products. V-30, The Christian Science Monitor, Boston.

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YOUNG WOMAN, educated, efficient, would like position as companion; preferably travel abroad. Write Box P 2, Room 1804, 270 Madison Ave., New York City.

TO LET—FURNISHED

COTTAGE TO LET—FURNISHED
Semi-detached 7-room cottage, just renovated, modern plumbing, simply furnished, coal, oil or gas heaters; will rent whole or part, $25 up monthly; single rooms heated, $5 week; 30 minutes to center Boston; write for appointment. MRS. ARELL LUCK, 2 Pope's Hill St., Dorchester, Mass.

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985 MAIN STREET
Apparel of the Better Kind
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Jewelry and Silverware of Exceptional Merit, Priced Most Reasonably
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DODGE PLYMOUTH
DEPENDABLE USED CARS
The
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WATERBURY NORWALK NEW HAVEN
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INCORPORATED
Golflex Dresses $39.50
A new line of smart fashionable frocks by Golflex. In black, white, coral combinations. Others in eggshell, black, green . . . eggshell, brown, coral . . . white, navy, green.

CONNECTICUT

BRIDGEPORT
(Continued)

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And to Give EXTRA Saving to old friends of
Arch Preserver Shoes
for Men and Women
Specially Priced . . . $7.85
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HENRY C. REID & SON
WATCHES
DIAMONDS *and* JEWELRY
1134 Broad Street

JACOB'S CREAM CRACKERS
"the most famous biscuits in the world"
F. W. BEHREN'S, Inc.

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Incorporated
WHOLESALE CONFECTIONERY
787-789 Main St., Bridgeport, Conn.

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Plumbing and Heating
UNIFLOW WATER SYSTEM and REFRIGERATORS
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We have a service within every family budget—Tel. 5-5057
MODEL LAUNDRY CO.
864 BROAD STREET
LIEFELD BROS. BRIDGEPORT, CONN.

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SLEDS
Flexible Flyers . $3.75 to $8.75
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Special Shoe Skates, limited sizes, $3.75
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Greenwich Hardware Co.
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ALL-STEEL REFRIGERATORS
Lamps—Fixtures—Shades
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The GREENWICH ELECTRICAL CO.
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Moderate Prices
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CLEANERS AND DYERS
169 West Putnam Ave., Greenwich, Conn.
Telephones 1800-1801

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GREENWICH, CONN.
We solicit your banking business
Telephone Greenwich 3000

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Telephone 2-3619
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1-4 Daily except Saturdays and Holidays

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77-79 ASYLUM ST.
BOOKS
of every description, and for any need.
An UP-TO-DATE LENDING LIBRARY is available for your use.

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From office and standard business forms to high grade sales literature, we can help you to make your printing effective in accomplishing its purpose.
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For Rain or Snow
Just the Snappiest All-Rubber Arctic We Have Seen—in Black, Brown and Gray.
JAMES LAWRENCE & SON
197 TRUMBULL ST.

Useful
Attractive—Serviceable
LEATHER GOODS
to Meet Your Every Need
H. F. CORNING & CO.
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RALSTON
THE WHOLE WHEAT CEREAL
M. J. BURNHAM
Incorporated
West Hartford, Conn.
JUST ANOTHER TEMPTING BREAKFAST CEREAL

The Best in Insurance and Real Estate
A Service That Is Pleasing and Mutually Profitable.
DENNISTON AND SON
956 Farmington Avenue Phone 4-3542

THE SCANDIA MARKET COMPANY
Meats and Groceries
858 PARK STREET Phone 2-0498

CONNECTICUT

HARTFORD
(Continued)

January Clearance Sale
10% and 20% DISCOUNT ON ALL MERCHANDISE
SPECIAL ½ price discount on some silk lingerie.
EGAN SHOP 53 Allyn St.

COMPLETE INSURANCE SERVICE
ARTHUR M. GRAYSON
Judd Building 75 Pearl Street
Phone 2-8832

REPAIRING
Watches—Bead Stringing—Jewelry
Electrifying Old Clocks
ARTHUR C. GILMAN
2 STATE ST. Harvey & Lewis Bldg.

The SANDWICH SHOP
"Chicken Pie Twice a Day Every Day"
Hot Luncheon—Tea—Supper
AMERICAN INDUSTRIAL BUILDING
983 Main St. (Opposite Fox's)

Satisfaction Is Assured If You Visit
Olson & Jacobsen Beauty Salon
for Facials, Permanent Waves, Finger Waves, etc. Courteous attention in pleasing surroundings.
Room 40 Sage-Allen Bldg. Phone 6-1341

WASH POLISH GAS
The Auto Service Co.
180 Church St. (Rear)
Simonizing a Specialty
PARKING by Day or Week

Beroth Bread Shop
559 MAIN 1123 MAIN

MERIDEN

SMARTLY STYLED VITALITY SHOES
Sizes for Women and Children
UPHAM'S

January Clearance Sale
SHOES—SUITS
OVERCOATS
BOYS' CLOTHES—SHIRTS
PAJAMAS—TROUSERS
Prices Reduced in Every Department
BESSE BOYNTON STORE

CONVEY SHOP
28 WEST MAIN
January Sale
Dresses—Coats—Hats
All Garments at ½ Price

January Sale of Furniture Now in Progress
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New Styles in Foundation Garments, $3.50 and $5.00
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for
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BUILDER and CARPENTER
162 Lambert Avenue

Buy now at ALLING'S
All Goods on Sale. Footwear, Gloves, Raincoats, Jackets, Sweaters
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Special Sales in January
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CONNECTICUT

MERIDEN
(Continued)

Of Real Value Is a Good Banking Connection
It will help you to keep your financial affairs in order.
—A joint account to regulate household expenses.
—A savings account for surplus income.
—A safety deposit box to protect your valuables, important papers, securities, etc.
The HOME NATIONAL BANK
18 COLONY STREET At the Clock

Our Mary makes the best sweet mustard chow chow
20c per lb. Try her Chili Sauce
35c per lb., 10c returnable on bottle
And her mince meat and cranberry sauce cheaper than you can make at home.
H. C. BIBEAU

STANDARD COAL COMPANY
DOWNTOWN OFFICE
97 COLONY ST.
PHONE 840
Koppers Coke

Charlotte Morse
Violin Instructions
649 Broad Street, Meriden, Conn.
Telephone 1078-W

MIDDLETOWN

Middletown Fish Market
99 CENTER STREET Phone 3020

HAVE YOUR
Cleaning—Pressing
Repairing—Dyeing
done at the
EMPIRE DYEING & CLEANING CO.
40 BROAD STREET Phone 2860

"CANADA DRY"
Pale Ginger Ale
MACK'S STORE
2 Main St. Phone 2796

Keser's FLOWER SHOP
170 Court St. Telephone 1513

Clothes for
DAD *and* SON
R. W. Camp Co.
412-416 MAIN ST. Phone 248

W. J. TREVITHICK
Groceries and Meats
600 MAIN ST. and SOUTH FARMS
Phones Both Stores

TURNER STUDIO
Fine Portraits
Telephone 1664-W 418 Main Street

Leonard-Herrmann Co.
WOMANS APPAREL SPECIALTIES
MIDDLETOWN — — NEW BRITAIN

NEW BRITAIN

4th Annual Pre-Inventory Sale
ALL OVERCOATS
$19
Were $30 and $35
$25 and $30 SUITS
$19
Two Pants
$39.50 Smithson SUITS
$29
With One Pant
$3.50 Hats Now $2.50
"Dalton Hats"
for Men and Young Men
$5 and $6, now $3.50
All Boys' Suits and Overcoats Reduced
Wuchert and Lake
Formerly with Besse System Store
142 MAIN ST., opp. Strand Theatre

Lace Curtains, Blankets, Feather Pillows and Rug Shampooing
LATIMER LAUNDRY
WE AIM TO PLEASE
33 WALNUT ST. TEL. 32

January Clearance Sale
This store-wide thrift Event offers desirable merchandise for immediate Clearance.
TWO DAYS OF THRIFT
Ending Saturday, January 9
Renier Pickhardt & Dunn
127 MAIN STREET

D. MILLER CO.
January Sale—20% Off
on All Merchandise in the Store, Including Kenwood Blankets

CONNECTICUT

NEW HAVEN

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Room 806 MALLEY BUILDING

Serving the public for 57 years

Our January Sale Now in Progress
Reductions in old Clothing, Furnishing and Boys' Departments are drastic, and we hope that you will come in to benefit from these offerings while our stocks are complete.
J. Johnson & Sons
"THE LIVE STORE"
85-89 Church Street

BULLARD'S
ELM AND ORANGE STREETS
Semi-Annual Clearance Sale
Many items from every department at drastic price reductions

SHARTENBERG'S
Where Fashion and Thrift Meet
Annual JANUARY SALE
Starts Tuesday, Jan. 12, 1932
Featuring quality merchandise at prices that are the lowest in years.
Thrift Certificates Issued

THE SHOP ON WHEELS
PLUMBING, HEATING, SHEET METAL WORK REPAIR SERVICE
CHARLES A. MENZIES, Inc.
87 WHITNEY AVE.
Phones: 3-2624, 2-1274

"Scientific Rebuilding of Worn Footwear"
Hat Renovating
NEW HAVEN SHOE REPAIRING CO.
120 TEMPLE ST.

"Your Hands"
would look better in a pair of our Gloves than tucked into your pockets. Don't you think so?
Lightbourn & Pond Co.
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Fine Stationery Engraving
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IMPORTER
Fine Grade Oriental and Chinese Rugs
EXPERT REPAIRING AND WASHING
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72 CHURCH STREET
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Over a Century of Service

WALK-OVER SHOES
for MEN and WOMEN
Walk-Over Shoe Shop
SYDNEY STOKES, Proprietor
930 CHAPEL STREET
MAIN SPRING ARCH SHOES

Telegraph Delivery Everywhere
Coombs
FLOWER SHOPPE
"SAY IT WITH FLOWERS"
970 Chapel St.

Studio of Dramatic Art
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Classes for Adults and Children
JULIA DIANE JACOBS
HOTEL TAFT Phone 7-7400

J. H. STORY & SON
Pasteurized Milk & Cream
Established 1885
675 FERRY STREET 3-1050

De ROTHSCHILD'S
French Cleaners and Dyers
Established 1897
70 Whitney Avenue 7-4744
47 High Street 6-3671

Call 5-6321
for QUALITY FOOD *and* PRIME MEATS
Empire Quality Market
1492 CHAPEL STREET

CONNECTICUT

NEW HAVEN
(Continued)

The EDW. MALLEY Co.
JANUARY SALE
of FURNITURE, RUGS *and* DRAPERIES
offers dramatic values in furnishings for your home
You May Purchase on Deferred Terms
THIRD FLOOR

The John E. Bassett & Co.
Ye OLDe HARDe WARE STORE
754 Chapel and 314 State Streets

NEW LONDON

Fine Clothes for Fine Fellows
SUITS TO RENT
CLEANING AND PRESSING
PERKINS TAILORING CO.
Tel. 2-2290 111 HUNTINGTON STREET

$5 **ENNA JETTICK** $6
Shoes for Women
"You need no longer be told you have an expensive foot."
The People's Shoe Store
58 BANK STREET

The **BOOKSHOP Inc.**
Books of All Publishers
Cards · Gifts · Stationery
MERIDIAN AND CHURCH ST.

The Woman's Shoppe
Evening Gowns—Lingerie
238 STATE ST. Telephone 9158

NORWALK

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COATS
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DRESSES
Originally $10.00, now $5.95
Originally $7.95, now $4.45
WALL ST., NORWALK, CONN.

IRVING B. STONE
A Friendly Store for Women and Children
Integrity—Good Taste
Phone 329
12 MAIN STREET, NORWALK, CONN.

5% ON ALL DEPOSITS
Norwalk Savings Society
NORWALK, CONNECTICUT

ROGERS & STEVENS
Clothiers—Two Stores
Norwalk and South Norwalk

ANGEVINE FURNITURE CO.
Artistic Home Furnishings
16 North Main St., So. Norwalk, Conn.
Phone 256

BYXBEE'S FLOWER SHOPPE
Byxbee's Flower Shoppe
Experienced Seedsmen
22 Main Street
NORWALK, CONN.
Phones 6300
Greenhouses:
Norwalk, Wilton Road at Town Line

THE
Mildred Avison Cravat
WHOLESALE RETAIL
MILDRED AVISON NADIG
WESTPORT, CONN. Box 238 Phone 1599

ROWLAND M. BEACH
Florist
28 East Avenue, Norwalk, Conn.
Telephone 2140

Norwalk Agency, Inc.
S. J. KEELER, Manager
REAL ESTATE and INSURANCE
74 Wall Street, Norwalk, Conn.

FRANK LAUDER
Jeweler
96 Washington St. South Norwalk, Conn.
Tel. 3201

STAMFORD

The January Sale of White!
The Thrift Event of the New Year steps over into the last days of the old! Linens, Bedding, Towels, Every Linen Need at Lowest-Ever Prices!
C. O. MILLER CO.
Tel. 3-3171 BANK STREET

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100 PROSPECT STREET

A REAL VALUE
All Wool Flannel Robe, 4.95
FRANK MARTIN & SONS
261 MAIN STREET, STAMFORD, CONN.

CONNECTICUT

STAMFORD
(Continued)

BROWN BROS.
Ideal Market
1 Park Row
Choice Meats—Fruit
Vegetables and Groceries
Tel. 2583

Leisure and Pleasure for Women
Through electrical labor-saving appliances for homes.
ELECTRICAL REPAIRS
The Downes-Smith Co.
79 ATLANTIC SQ., STAMFORD, CONN.

THE ELL SHOP, Inc.
Gowns, Millinery, Wraps
2852 ATLANTIC STREET Tel. 4-1321

Siegelbaum's
STAMFORD, CONN.
208-211 ATLANTIC ST.
Specializing in
Women's Apparel and Accessories

de BRUYCKER
BAKE SHOPS, Inc.
Better Baked Products
36 BEDFORD STREET Tel. 4-2627
577 MAIN STREET Tel. 4-1600
271 MAIN STREET Tel. 4-2500

Superior Laundering and Dry Cleaning
Stamford Steam Laundry
Incorporated

WALLINGFORD

D. J. HENNESSY
Plumbing and Heating
Try our Lynn Oil Burner
Phone 594-2

VAN'S
M. E. VAN DUYN
A Dollar Spent NOW Is Worth $1.50
A Dollar Saved Is Worth 75c
"THINK IT OVER"
218 CENTER STREET

Mrs. EDITH DOOLITTLE
MAPLE SHADE
WALLINGFORD, CONN.
CHARIS—the finest foundation garment.
FRANKLIN-WEAR Lingerie and Hosiery
Phone 126-3

I. SITNITSKY
GROCERIES, FRUITS *and* VEGETABLES
Phone 1173 357 CENTER ST.

"GOOD HARDWARE"
All That the Name Implies at
DICKERMAN HARDWARE & SUPPLY CO.
36 N. MAIN ST. Phone No. 4

THE WALLINGFORD BANK AND TRUST CO.
COMMERCIAL
SAVINGS
CHRISTMAS CLUB
TRUST

Try Our New and Up-to-Date
LUNCHEONETTE
F. W. MARX PHARMACY
THE REXALL STORE
L. R. Stimpson, Reg. Ph., Prop.
MAIN STREET, WALLINGFORD, CONN.

The Mildred Benham Tea House
WALLINGFORD, CONNECTICUT Tel. 592
Luncheons, Teas and Dinners
Exclusive Gifts

PIERSON COAL CO.
CLEAN CLEAN CLEAN
COAL OIL COKE
68 QUINNIPIAC ST. Phone 369

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The Lure of an
EKCOMOOR COAT
is irresistible to every woman who appreciates service and enjoys style distinction.
For Town—Sports—Travel—Utility
No Occasion Too Smart for an Ekcomoor
Here in many styles, $48 to $69.50
GRIEVE, BISSET, & HOLLAND, Inc.
WATERBURY, CONN.

Our January Clearance Now On!
SUGENHEIMERS
64 BANK STREET Waterbury, Conn.

EATON'S HIGHLAND VELLUM
JANE KELLY, Inc.
106 GRAND ST., WATERBURY, CONN.

WE ARE MEMBERS OF THE TELEGRAPHIC ASSOCIATION
and will gladly fill your orders for flowers, ferns or potted plants.
DEAN *The Florist*
68 CENTER STREET Phone 4-2788

The MILLER & PECK CO.
WILBUR COON SHOES
"A MADE-TO-MEASURE FIT IN READY-TO-WEAR SHOES."
They offer foot comfort seldom found in such style-right footwear.
$7.95 per pair

Echo Bridge Curtains
Drapery Department
HOWLAND-HUGHES CO.
WATERBURY, CONNECTICUT

LAUNDRY WORK *and* DRY CLEANING
Done at Reasonable Prices
The **PEERLESS LAUNDRY**
146 NORTH MAIN ST., Naugatuck, Conn.

MASSACHUSETTS

CAMBRIDGE

CARSTEIN COAL COMPANY

47 Cogswell Ave. Tel. Porter 0574
CAMBRIDGE, MASS.

Fuel Oil
Fireplace Wood
Anthracite and Bituminous
COAL

Delicacies for those who wish to serve "Socially Correct Confections"
Luncheonette and Home-Made Ice Cream
Noon-Day and After-Theatre Luncheons Our Specialty
Fiske's Candy Shops
3 BRATTLE STREET, CAMBRIDGE
287-A Huntington Ave. Boston — Payson Park Belmont
Fiske's is owned and operated by Fiske.

INVENTORY SALE
Reduction up to 50%.
Some Exceptions.
JOHN H. DERBY-JEWELER
2 STORES HARVARD SQ. CAMBRIDGE | EST 1907 DAVIS SQ. SOMERVILLE

Complete Line of Meats, Groceries and Fruit
Also Many Products Nationally Advertised in The Christian Science Monitor
George H. Stockwell
36 BRATTLE ST. Univ. 7515—7516

CHOICE FLOWERS
ARTISTICALLY ARRANGED
COVIN
Harvard Sq., Camb. Univ. 9490
CHARGE ACCOUNTS SOLICITED

Plumbing and Hardware
RUSSELL R. CAMERON
26 BRATTLE ST. Univ. 6760

You Do Photograph Well!
Let **The Byrd Studio** Prove It
1868 MASSACHUSETTS AVE.
Herbert F. Lang (15 years with Bachrach) our artist, assures you of absolute satisfaction at most reasonable prices.
Children's photographs at [illegible]
UNIV. [illegible]

Gusties
Try Our Dinner Specials They Are Very Nice
18 BOYLSTON STREET
Univ. 2300

NEWTON

Newton Glass Co.
303 Centre St. New. No. 1268
Picture Framing
Automobile Glass
Plate Glass Table Tops
Mirrors
Mirrors Resilvered

E. P. LEONARD, JR.
WATCHES—JEWELRY
Expert Service in IMPORTED AND DOMESTIC CLOCKS and WATCHES
Clocks Called for and Delivered
354 CENTRE STREET NEW. N. 6484

"What You Can't Brush, I Clean"
Fred St. Jean
All Garments Cleaned, $1
Women's Dresses a Specialty
407 Centre Street New. No. 3300

THE **ARCH PRESERVER SHOE**
W. L. McCammon
283 Washington Street

MONARCH
FOOD PRODUCTS
JOHN FOX PRIEST MAYONNAISE
DEWEY'S MARKET
287 WASHINGTON ST. Newton No. 7962
Groceries—Vegetables—Meats

Hoffman Beauty Shoppe
225 WASHINGTON STREET
Hairdressing in All Its Branches
Manicuring

NEWTON CENTRE

NEWTON TRUST COMPANY
Resources exceeding $20,000,000
Every Department of Suburban Banking and Trust Service
NEWTON
NEWTONVILLE — NEWTON CENTRE
WEST NEWTON — AUBURNDALE
NEWTON HIGHLANDS
WABAN

Nutone Marquisette CURTAINS
See Window Display
Bond's Convenience Shop
99 UNION STREET

J. H. CHANDLER & SON
747 BEACON STREET Cen. New. 4020
HARDWARE
Carmote Paints
Kitchenware Westinghouse Lamps

WHEN *you purchase goods advertised in The Christian Science Monitor or answer a Monitor advertisement—please mention the Monitor.*

MASSACHUSETTS

NEWTON CENTRE
(Continued)

NEWTON REAL ESTATE
We hope to be of service to all who are looking to this beautiful suburb of Boston for a home.
ALVORD BROS.
Opposite Newton Centre Depot
Cen. New. 3006

NEWTON HIGHLANDS

MERRY STUDIO
43 HARRISON ST.
Cen. New. 4177
January Offer
Photos—4x5
$5 per doz.
Winter scenes photographed for 1932 Christmas Cards

C. G. McMULLIN
We invite you to inspect our complete line of hardware, including
FRIGIDAIRE
which has been reduced in price.
Why not buy one now.
1170 Walnut St., Newton Highlands, Mass.

Hilliard's
Good Candy Made Right in Sigh
340 WALNUT ST. NEWTONVILLE — 39A LINCOLN ST. NEWTON HIGHLANDS

NEWTONVILLE

NONANTUM COAL CO.
827 Washington Street, Newtonville
Tel. Newton North 7560
13 Main Street, Watertown
Tel. Middlesex 0081
Bridge Street, Bemis
Tel. Middlesex 0244
COAL—COKE—WOOD
Deliveries in all the Newtons
Watertown Belmont Waverley

Augustus Thurgood
FINE WALL PAPERS
WINDOW SHADES
and Interior Decorating
Samples shown at your home
150 Otis Street, Newtonville
West Newton 2511-M

Paramount FRUIT CO.
319 WALNUT STREET
Fancy Fruits—Vegetables
S. S. Pierce—Hatchet Canned Goods

Insurance
ALFRED E. FULLER
46 Austin St.
New. No. 7304

[illegible] Walnut St. [illegible] Madison Ave.
Newton [illegible] Shop
Call [illegible]
at any hour day or night

Newton Rose Conservatories
Member Florist Telegraph Delivery
A. P. CALDER, Proprietor
Plants and Flowers for All Occasions
Harz Mountain Canaries—Cages
389 NEWTONVILLE AVENUE
New. No. 0404 Res. (Night) [illegible]

Dana B. Clark Co.
Complete Garage Service
La Salle Limousines for Hire
Socony Gasoline and Oils
863 WASHINGTON ST. New. No. 3616

Lois Robbins Shoppe
312 WALNUT STREET
Infants'—Children's—Women's
Underwear—Hosiery
Accessories

"Where to buy your food"
Garden City Fruit Co.
322 WALNUT STREET New. No. 0881
S. S. Pierce quality Groceries our specialty.
Selected line of imported goods.
"THE STORE OF QUALITY"

A. AVANTAGGIO
Since 1884 Distributors of
Finest Meat—Fish—Poultry
Fruits—Vegetables—Groceries
843 WASHINGTON STREET
Newton North 6346, 6347, 6348

GOODYEAR TIRES EXIDE BATTERIES
BRAM'S
Battery and Tire Service
Weed Chains—Cross Links Replaced
252 WALNUT STREET
NEW. NO. 0835

Come for a Free Demonstration
The New PLYMOUTH
with Floating Power and Free Wheeling
J. B. JURAD
DODGE and PLYMOUTH DEALER
Rear 667 Washington St. New. No. 3335

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CARPENTER
BUILDER
REPAIR WORK A SPECIALTY
17 Duffield Rd. West Newton 1782

J. W. MURRAY & CO.
Plumbing and Heating
442 LEXINGTON ST.
Res. New. No. 4398 Office West New. 1850

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C. A. Stimets
1286 WASHINGTON ST. West New. 0360
FRESH FRUIT, VEGETABLES
FANCY MEATS
DOMINO SUGAR

WALTHAM

Waltham Coal Co.
Established 1873
Main and Lexington Streets
Clean Coal Careful Teamsters
Prompt Delivery

COBB'S
on MAIN STREET
Department Store

Ada Evans Davis Shoppe
PERMANENT WAVING
Marcel—Finger—Water Waving
Manicuring
511 MOODY STREET Waltham 1160

MASSACHUSETTS

WALTHAM
(Continued)

Elizabeth Candy Shops
416 MOODY STREET WALTHAM — GARDNER MASS.
SPECIALS
ASSORTED NUTS ....41 per lb.
JUMBO PEANUTS ....50c per lb.
WOODLAND GOODIES (Glace Nuts) 59c POUND—79c value

NEW HAMPSHIRE

PORTSMOUTH

Ye Priscilla Shoppe
Art Needlework
Exclusive Gifts
40 Market St. Tel. 1641

Wisteria Tea House
Combination Luncheon and à la Carte
Orders Taken for Cakes and Rolls
(Not Open Sundays)
30 MIDDLE STREET Tel. 447

Adam's Drug Store
Page & Shaw Candies
Arden Toilet Preparations
31 MARKET ST. Tel. 171

Floors Refinished
Clean Expert Work
by the Hour or Contract
B. M. HAM
115 RICHARDS AVE. Tel. 719

NEW YORK

ALBANY

January Sales In Action
Throughout the store these events offer every opportunity to practice genuine economy. Featured are Linens, Lingerie, Muslins, Curtains, Drapes, Children's Goods, Women's and Misses' Wear, etc.
John G. Myers Co.
ALBANY, N. Y.

WE ARE THE HOME OF
Matrix Shoes
Special Price $8.45
Values to 12.50
BURGESS JUVENILE SHOE SHOP
BROADWAY ARCADE, ALBANY, N. Y.
Tel. 4-5911

SPECIAL NOTICE
BOYCE & MILWAIN
Announces
A 20% Discount Sale on Suits and Overcoats
66 and 68 State Street
Albany, N. Y.

The Van Heusen Charles Company
470 BROADWAY
"A Gift from Van Heusen's Means More"

Cook
Temperature Control
for coal or coke burning furnaces
Two-year guarantee
HOWARD DEITZ
190 WHITEHALL RD., ALBANY, N. Y.
Phone 4-6783

Tucker-Smith Agency
Incorporated
General Insurance
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ALBANY, N. Y.
All Forms of Insurance
Savings—Service—Security

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GLASS
HARDWARE PAINT
284 Central Avenue, Albany, N. Y.

JOHN B. HAUF, Inc.
Furniture—Rugs
Wall Paper—Draperies
175-179 Central Ave., Albany, N. Y.

Cotrell & Leonard
ALBANY, N. Y.
"Buy it in the Annual January Clearance Sale and you *buy it for less.*"—Every Department participates.

LEON'S BEAUTY PARLORS
DE WITT CLINTON HOTEL
Phones: 4-6614, 4-6111 Albany, N. Y.
Featuring Realistic
PERMANENT WAVING
and
LEON PERMANENT WAVING
And All Branches of Beauty Culture

INSURE WITH
CLEVE R. KILMER
THE TRAVELERS INSURANCE CO.
THE TRAVELERS INDEMNITY CO.
THE TRAVELERS FIRE INSURANCE CO.
112 STATE STREET

Sale of MEN'S HATS
at
HOAG & TAYLOR'S
MAIDEN LANE and JAMES ST.

HARVEY'S GARAGE
281-61 HUDSON AVE.
TYDOL—COLONIAL GAS
Agency De Soto, Plymouth Automobiles
Storage Service, Exp. Mechanics

NEW YORK

BINGHAMTON

January Clearance Sales
offer large savings in all departments. Time now to buy that overcoat at
McLEAN'S

DOWNYFLAKE SHOP
84 COURT STREET
Best of Everything to Eat
DOUGHNUTS CAKES PASTRY

Parlor City Shoe Co.
57 CHENANGO STREET
BOSTONIAN SHOES

O. W. Sears & Son, Inc.
12 CLINTON ST.
PITTSTON COAL
Phone 2-3487—2-3488

CHARLES V. SMITH
OFFICE and SOCIETY STATIONER
181 COURT STREET
BINGHAMTON, N. Y.

MASTEN *The Florist*
Dial 6-5211
GREENHOUSES ON
Floral Avenue and Main Street

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Nicoline Hairdressing
67 PONDFIELD ROAD Tel. Bronxville 1101
MRS. NICOLINE A. BARRETT, Prop.
Formerly of Fifth Avenue, Waldorf-Astoria and Hotel Biltmore
are conducting a high-class Beauty Salon with a staff of conscientious, intelligent operators, skilled and well trained in their vocation.
A Welcome Visit Will Convince You

WESTCHESTER FUEL COMPANY
Quality Coal
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Bronxville Garage, Inc.
3 KENSINGTON ROAD TEL. 3381-3382
STORAGE SUPPLIES
Agents for Willys-Knight and Willys
Branch Service Stations
840 Palmer Ave., Bryn Mawr
502 Tuckahoe Road, Yonkers
47-49 So. Third Ave., Mt. Vernon

Duleto & Comstock, Inc.
Outfitters to Men and Boys
Dry Cleansing and Pressing
40 Palmer Avenue Phone 4070-4071

D. STRUSS, Inc.
FANCY GROCERIES
DELICATESSEN
Fruit and Vegetables
Phones 5650-5651 56 Pondfield Road

Genungs Little Shoppe
100 PONDFIELD ROAD
Blankets, Negligees, Slippers
Hats, Dresses, etc.

EDGAR S. BELLIS
Pharmacist
Successor to Chambers Pharmacy
FOR SERVICE AND QUALITY
Household and Toilet Necessities
116 Pondfield Road at Cedar Street
Bronxville, N. Y.
Phones 1010—0440—1139

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Cards—Candles—Books
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If It's Electrical We Have It
The Chas. H. Ryan Co.
Plumbers, Heating, Tinning and Electrical Work
74 PONDFIELD ROAD Tel. 0810
The House of the Shop on Wheels

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HABICHT
195 DELAWARE AVE.

Coat Sale
All coats in stock reduced to half price.

EVEREADY PRESTONE
DIXON & ADAMS
MICHIGAN and EDNA
Telephones: Tupper 0706 Tupper 0706

WIESE, *Florist*
Flowers for Everybody
F. T. D. MEMBER
306-307 Washington Market, Buffalo, N. Y.

Mary Alma's Kitchen Cupboard
TEA ROOM and FOOD SHOP
391 BRYANT STREET
Special Luncheon, 50 cents
Special Dinners, 65c—$1.00
Also à la carte
Closed all day Sunday

Delaware Arms Restaurant
193 DELAWARE AVENUE
Luncheon 50c
Roast Chicken or Club Steak Dinner.. 75c
Chicken or T-Bone Steak $1.00
Sunday Dinner $1.00

Pantry Restaurant
807 ELMWOOD AVENUE
Luncheon 35c and 50c
Dinner 65c
Sunday Chicken Dinner, 75c
Also à la Carte

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NEW YORK

BUFFALO
(Continued)

WE ARE THE HOME OF
Matrix Shoes
SEMI-ANNUAL
CLEARANCE SALE
Choice of complete stock,
$7.95
MATRIX BOOT SHOP
340 DELAWARE AVE.

Central DRY CLEANING CO.
Grant 3365
180-187 WEST UTICA STREET
Modern Cold Storage Vaults

CORNING

"You need no longer be told you have an expensive foot," $5.00 or $6.00.
ENNA JETTICK
Shoes for Women
LESTER SHOE STORE
21 EAST MARKET STREET

HARPER METHOD SHOP
61 E. MARKET ST. Tel. 2100
Every Kind of Work Done by Graduate Operators
FREDERIC'S PERMANENT, $5-$7.50
SOFT WATER SHAMPOOS

Bong's Jewelry Store
CORNING, N. Y.
Our Reputation Goes With Each Purchase
IT HAS TO BE GOOD

Hotel Stanton Garage
18 W. PULTENEY STREET
Storage, Greasing, Washing, Brake Service
NEAL WELCH, Proprietor

Rockwell Company
ONE OF THE ROCKWELL GROUP
The Store of Quality Merchandise

NEW CAFETERIA
HOME DAIRY CO.
Excellent Food
All Kinds of Baked Goods From Pure High-Grade Ingredients

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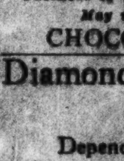
Monday, January 4th
marks the beginning of
WHITE GOODS WEEK at Penney's
with NEW RECORD VALUES
for all time
J. C. PENNEY CO.
81-83 MAIN STREET, CORTLAND, N. Y.

HOME DAIRY CO.
CAFETERIA
Delicatessen Bakery
31 MAIN STREET

We have been making and selling Candy and Ice Cream for the past 20 years at the same shop. We believe we know our business—our business is to please you.
May we be of service?
CHOCOLATE SHOP

Diamonds and Jewelry
of Merit
Dependable Repairing
R. L. ANDREWS, *Jeweler*



Mr. and Mrs. Garsinetti
Telephone 2163
Kalos Beauty Shoppe
Scientific Beauty Culture
Permanent Waving
303 NEWBERRY BLDG.

Peck's Furniture House
Complete Furnishers of Happy Homes Since 1888

U. F. AXTELL
Automobile and Other Kinds of Insurance. Efficient, prompt and willing service emphasized.
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New 1932
WALL PAPERS
McKenney Doubleday Co.
New location, 14 MAIN STREET

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Start Now
to enjoy the comfort of a warm home—the comfort of fewer trips to the cellar. Start now to burn 'blue coal.'
Telephone your order to
MAXSON & STARIN
Homer 1431

J. J. Arnold & Son
FLORISTS
Flowers, Plants, Bulbs, Floral Work
Member Florists' Telegraph Delivery Association.

Made to Measure Suits
$22.50 to $45.00
EXTRA TROUSERS INCLUDED FREE
A. J. STEBBINS
6 WALLS Phone Homer 88-J

BURGETT'S
HOMER, N. Y.
Home of Pure Pork Sausage
20c per pound
WHOLESALE OR RETAIL
Mail orders filled.
8 Phones—Call 61—ALWAYS BUSY

NEW YORK

CORTLAND—HOMER
(Continued)

BURGETT'S HOME LAUNDRY
Always a Dependable
LAUNDRY SERVICE
Call for and deliver
PHONE HOMER [illegible]

ELMIRA

Where Fashions in Good Taste Are Not Expensive
The Gorton Coy.
Where Water St. Meets Main

Tepper Brothers
Elmira's Foremost Department Store
Quality Merchandise
Lower Prices

See the
New Spring Dresses
at
ISZARDS
MAIN STREET

RALSTON
THE WHOLE WHEAT CEREAL
GEORGE H. COXE
GROCERIES
330 WEST FIFTH STREET

FORT EDWARD

FRED A. DAVIS
GENERAL INSURANCE
Real Estate—Investment Bonds
Crane Building, Fort Edward, N. Y.

ITHACA

FOX'S GLACIER MINTS

"If it's good to eat we aim to have it."
ATWATER'S
Groceries—Meats—Baked Goods
109 East State St. Phone 2761

UNUSUAL GIFTS
Real Stones Set in Silver
Rings, Bracelets, Clips, Necklaces, Earrings—Prices $3.00 to $15.00
R. A. Heggie & Bro. Co.
JEWELERS

"Cayuga"
Athletic Equipment Is Now Nationally Known for Its High Quality
TREMAN, KING & CO.
ITHACA, N. Y.

Now Showing All the Latest Designs
WINDOW SHADES
Complete Stock Ready to Hang
R. F. SMITH
WALL PAPER AND PAINT SHOP
122 WEST STATE STREET

ARTIFICIAL ICE LEHIGH COAL
ITHACA ICE and COAL CO.
302 W. Lincoln St. Phone 2461

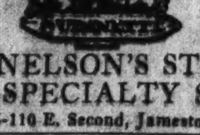
MARINELLO SHOP
Eugene Permanent Waving
Finger Waving
All Forms of Beauty Culture
Call 2047 for Appointment
405 COLLEGE AVE.

JAMESTOWN

Skating Times
Are Here
Genuine Planert Tubes, Men's or Ladies' Model Planert Aluminum Tube Skates with Good Quality Leather Shoes.
Special, $3.95
LOCKWOOD'S
JAMESTOWN, N. Y.

Watch Newspapers for Daily Specials During Our January Clearance Sale.
The A. D. SHARPE CO.
14 N. MAIN ST. Jamestown, N. Y.

January Clearance Sale
Jan. 13th to 23rd
The
Abrahamson-Bigelow Co.
JAMESTOWN, N. Y.



NELSON'S STORE of SPECIALTY SHOPS
106-110 E. Second, Jamestown, N. Y.

Macomber-Stuart Inc.
MAIN at SECOND ST. Jamestown, N. Y.
Headquarters for Smartly Dressed Women—Select Your Complete Wardrobe Here, Where the Smart Things Are Not Expensive!

BASSETT
Square Deal Jeweler
302 Main Street

MANLEY-HENDERSON-ILLINGWORTH, Inc.
INSURANCE plus SERVICE
330 Wellman Building Phone 3-886
West Third Street

CLARK HARDWARE CO.
Hardware—House Furnishings
DOVER ELECTRIC IRONS
Electrical Appliances and Supplies
RUSSELL CUTLERY
33-35 EAST THIRD STREET

NEW YORK

JAMESTOWN
(Continued)

WATCH—
The Printz Co. Inc.
—in 1932
Jamestown's Men's and Boys' Store

KENMORE

GEORGE L. SEIFERT
All Nationally Known Shoes, Rubbers, Keds
Florsheim Enna Jettick Thorogood
Douglas Wilbur Coon Kali-sten-ik
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C. W. Inhoff
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Riverside 0297 53 West Girard Blvd.

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The **LARCHMONT NATIONAL BANK** and **TRUST COMPANY**
Capital, $200,000.
Surplus and Profits, $200,000.
Larchmont's Business Center Since 1901.
Not too large to know you.
Not too small to serve you.
BOSTON POST ROAD LARCHMONT, N. Y.

Drive a
Plymouth or Chrysler
For Comfort and Performance
CHRYSLER MOTOR SALES and SERVICE
88 PALMER AVENUE
Telephone
For Service 2003—Larchmont—1331 for Sales

Delicious
Home Made Candies
CREAM CARAMELS
Cream Peppermints, Assorted Chocolates
All Kinds—60 Cents the Pound
Made in our own kitchen.
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FLORIST
MIRIAM E. W. GRANT
Successor to GEORGE GRANT
Full Line of Cut Flowers and Plants
66 WEAVER ST. Tel. Larchmont 81

Long Island

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Bobby's Beauty Shop
Realistic Permanent Waving
Hair Cutting—Beauty Culture
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Two Doors West of Bell Avenue
Near Railroad Station
Phone Bayside 9-6215

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P. N. BRUNING
The Finest Grocery on Long Island
FANCY GROCERIES,
FRUITS AND VEGETABLES
NORTHERN BOULEVARD and 244TH ST.
DOUGLASTON, L. I.
Phone Bayside 9-1571-1572

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JANUARY CLEARANCE SALE
Bargains Galore!
Many interesting items, such as:

Utica Sheets, 88c; Pillow Cases	23c
100% Virgin Wool Blankets	2.28
Krinkl Spreads, fast colors	64c
Heavy Turkish Towels	9c
Boys' Blouses, sizes 4 to 14	37c

Remarkable Savings in Underwear, Hosiery, etc.
BUY NOW AND SAVE MONEY
SACK & DANIELS
9049 CORONA AVE., nr. Elmhurst Bridge

INSURANCE
ALL KINDS
W. B. DICKINSON
4326 - 91st PLACE
OPP. BANK
NEW. 9-4116

E. CORBO, *Shoes*
"We Fit Your Foot and Your Pocketbook"
FIRST CLASS REPAIRING
WHITTEMORE'S POLISHES
91-02 Corona Ave.

DELICIOUS
BREADS and CAKES
Fresh Every Day
EDINA BAKERY
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SALES—REPAIR—SERVICE
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ALBERT HYMAN
Footwear of Quality for the Entire Family
Agent for Florsheim Shoes
For Men and Women
1037 CENTRAL AVENUE

SOS
Gas and Service Station
Cor. Mott and Cornaga Avenues
Near Christian Science church.
CAR WASHING BATTERY SERVICE
CARS OVERHAULED
Tel. Far Rockaway 7-5179

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"Photography of the Finest"
Frames and Framing
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FAR ROCKAWAY
Cedarhurst

Telephones:
5333 Cedarhurst 7-8825 Far Rockaway
CEDARHURST PASTRY SHOP
All Kinds of Cakes Made to Order
FREE DELIVERY
121 CEDARHURST AVENUE
Branch 1855 MOTT AVENUE
Far Rockaway
Near Christian Science church

FAR ROCKAWAY
Woodmere

Milk's
Gift Shop
Harold Vale [illegible]
Woodmere, New York

KATZ BROS., Props.
Tailors and Furriers for Men and Women
DRY CLEANING AND DYEING
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Tel. Cedarhurst 3266

NEW YORK

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Telephone Flushing 9-8390, 9-8391
BROADWAY MARKET
Meats, Poultry and Provisions
41-20 162ND STREET
FRED FRETZ FLUSHING, N. Y.

Cadillac—La Salle
Supplies, Parts and Repairs
Cadillac—La Salle Corporation
FLUSHING, N. Y.

Gambo's Pet Shop
132-06 Northern Blvd.
Phone Flushing 9-2502

Daily Lunch
50 and 65 cents
Daily Dinner
including Sunday, $1
Also a la carte service
Hauffield's Restaurant
FAMOUS FOR GOOD FOOD
149TH ST. AND NORTHERN BLVD.
Phone Flushing 9-10198

Phone Flushing 9-10252
The Berkshire Tea Room
(formerly Florence Tea Room)
149-24 ROOSEVELT AVE., cor. Wilson Ave.
Delicious Home Cooked Meals
Breakfast—Luncheon—Dinner
à la carte service
Rooms for Private Parties—Bridge Parties Accommodated

Phone Flushing 9-4843, 4957
JAY'S—Cut Price
Groceries, Dairy Products and Fresh Fruits
Free Delivery
We carry a most complete line of fancy groceries, including Monarch products.

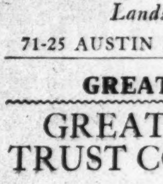
FOREST HILLS

Window Shades and Table Pads made to order
We Do Artistic Picture Framing
The Forest Hills Shade & Frame Co.
Continental Ave. at Queens Boulevard
Tel. BO. 8-5824 Forest Hills, N. Y.

Tel. Boul. 8-2562
Forest Hills Hardware Co. INC.
7132 AUSTIN STREET
Christmas Suggestions for the Family

Lorenze Gown Shoppe
At Service—With Attractive New Frocks
Ready to Wear and to Order
AUSTIN ST. and WINDSOR PL.
Boul. 8-6590

The TENNIS GRILL
TABLE D'HOTE—LUNCHEON and DINNER
MILDRED ANDERSON ELDER
TENNIS APTS. Boul. 8-9697



Stelsie
Smart gowns and millinery to meet the popular demand at low prices.
7204 AUSTIN STREET
Boul. 8-5815

MERLI:
GOOD Shoes
—and Service with a Smile
72-17 AUSTIN STREET

Telephone Day Calls—Faculty 2-5850, 2-
Night Calls—Boul. 8-2781
MULLER BROS.
FIREPROOF WAREHOUSE
for Household Goods
STORAGE, MOVING, PACKING
SHIPPING
QUEENS BOULEVARD

WATSON Florist
Flowers for All Occasions
Landscaping
71-25 AUSTIN ST. Boul. 1082

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GREAT NECK TRUST COMPANY
Established 1917
Capital, Surplus and Undivided Profits over $290,000.00
Commercial, Special Interest and Trust Departments

GREAT NECK AND NORTH SHORE LONG ISLAND
For Sale PROPERTIES For Rent
INSURANCE—MORTGAGES
Arthur F. **Rausch**
45 Middle Neck Rd., Great Neck, N. Y.
Phone Great Neck 2010—2011

ROSES FROM $1 A DOZEN
Pompon Chrysanthemums from 50 Cents a Bunch
Large Assortment of Flowers at reasonable prices
FLEUR DE LIS FLOWER SHOP
E. FARDEL, Prop. Gr. Neck 632

NASSAU BOOTERY
Fine Footwear for Children
Our Specialty
CAREFUL FITTING
64 MIDDLE NECK RD., Great Neck

HEMPSTEAD

Phone Hempstead 7243
MFP
MARCEL FROM PARIS, Inc.
MR. MARCEL
Formerly of Rue Scribe, Paris
Art Hairdresser
Specialist in Permanent Waving
44 MAIN STREET

FANCY GROCERIES
VEGETABLES MEATS
A. & P.
LOUIS SEEL Mgr.
99 MAIN ST. Phone Hempstead 5700

Tel. 3315-J Hempstead
Rivoli Tonsorial Parlor
Expert Barbers in Attendance
Private Booths for Ladies
LATEST STYLES
141 A MAIN STREET HEMPSTEAD, N. Y.

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SEE NEXT PAGE

NEW YORK

Long Island

HEMPSTEAD
(Continued)

Practical Gifts
Evening Slippers
Gotham Gold Stripe Hosiery
Riding Boots—Jodhpurs
Daniel Green Slippers
Hand Bags . . . $2.95
Exceptional Value
The New Shoe Store
Established 1910
32 Main St. HEMPSTEAD
90 So. Main St. FREEPORT

ETTINGER'S
Smart Apparel for the Woman and Miss
January Clearance Sale
Coats—Dresses—Hats
264 FULTON AVE. Tel. Hemp. 7668

RENE
SPECIALIST
SUPER-CURLINE
Permanent Steam Wave
"The Better Wave," $5 and $6
A New French Method
No Electricity
Satisfaction Guaranteed
Phone Hempstead 2912

RUTH RADIO SERVICE
HEMPSTEAD, N. Y.
SALES *SERVICE*
Telephone HEMPSTEAD 6985 if your radio is not working properly. Our repair department will give you prompt and efficient service.

BRIGHTON MARKET
PRIME MEATS, POULTRY, PROVISIONS
FREE DELIVERY
Bob Sauerman Jr. Proprietor
155 Henry St. Tel. Hempstead 400

H. BLUMBERG & SONS
278 FRONT STREET
Complete line hardware and housefurnishings, stove pipes, oil stoves and heating accessories. Phone orders promptly delivered—Hempstead 7720.

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EXPERT SERVICE
at
PARIS BEAUTY SHOPPE
PROF. ANTON, Mgr.
358 New York Avenue Tel. Hunt. 2666

JACKSON HEIGHTS

INZUCHI
MUSIC STUDIO
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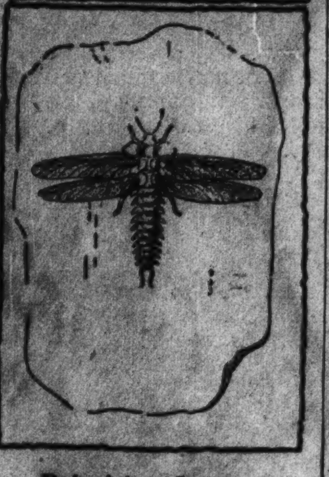
DAILY FEATURES

All Nature



Primitive Insects

(Order: Paleodictyoptera)

Question: A short time ago, reference was made to "primitive insects." Are there any insects found as fossils; and, if so, what is the most primitive like?—H. R. S., Shelton, Conn.

Answer: The order *Paleodictyoptera* contains a large number of species, and is the most primitive order known. These species have been found in Pennsylvanian rocks and are believed to be the progenitors of all insects. Fossil insects have been found in various places throughout Europe and the United States, particularly in the Pennsylvanian era of central France, Saarbruchen, southwestern Prussia, Mazon Creek, Illinois, also in the Jurassic slates of Solenhofen, Bavaria, or the Miocene period of Baden, near Lake Constance, and also in Florissant, Colo.

Thus, in the rocks we have the evidence that insects have existed from very early times, and many of our finest fossils are to be seen in the beautiful Baltic amber which was formed from fossilized pitch of prehistoric days, in which was trapped a variety of small insects, many of which exist today in much the same forms as their ancestors possessed millions of years ago.

Question: I remember a plant locally known to Bermuda as the "life plant" because of its ability to sprout roots from the leaves even when these are stripped from the plant. The flowers of the life plant resembled those of the foxglove in shape and arrangement on their long, tall spikes. I hope you may be able to identify this member of the interesting world of nature and tell the readers something of it. — N. W., Brookline, Mass.

Answer: The life plant, or "floppers," as it is known to some (botanically, *Bryophyllum pinnatum*), is a plant native to the Old World tropics. It was introduced early in the nineteenth century into Bermuda, Florida, Mexico, and the islands of the West Indies, where it has since become a pernicious weed. In Bermuda it is to be found almost everywhere, in thickets, woodlands, walls, and in all manner of waste places. It has the advantageous faculty of striking roots and growing freely from stems, leaves or their fragments.

They are erect herbs, opposite leaved, leaflets crenately edged, flowers perfect, showy, nodding, and urn-shaped, the narrow portion ending in four lobes, reddish flowering from winter to summer. The generic name of *Bryophyllum* is derived from the Greek for "spouting leaf." The life plant is typical of the four known species of *Bryophyllum* found in South Africa, Asia, and Madagascar.

Rotogravure Sidelights

THE World Achievement Rotogravure supplement issued by The Christian Science Monitor today comprises 500,000 32-page sections.

The pages of this brown section alone, if laid end to end, would reach 5421 miles—from Boston to San Francisco and on out across the Pacific to Honolulu, with 300 miles to spare.

They would reach from Boston across the regular shipping lane to London (3641 miles), with enough left over to reach from Boston back across to Denver.

In Lighter Vein

History Made Simple

Teacher: "How many wars did Spain wage during the seventeenth century?"

Tommy: "Seven, sir."

Teacher: "Seven? Enumerate them!"

Tommy: "One, two, three, four, five, six, seven."—*Meccano Magazine.*

Her Preference

Uncle Will had sent little Marjory a bottle of lavender water

"Well, Marjory," he said, "how did you like the perfume I sent you?"

"It was all right," conceded the child, "but I like lemonade better." —*West Pointer.*

Not Until Then?

The question editor of a western paper was recently stumped by this question:

"When did Missouri cease to be regarded as the frontier?"

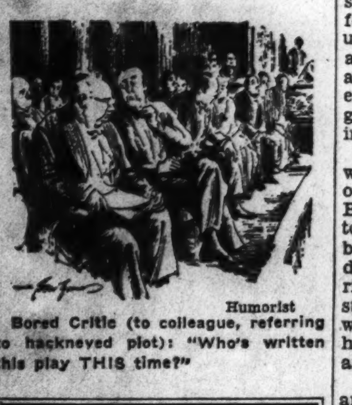
But the paper's columnist came to the rescue by answering:

"When they routed the dogs from under the house, and put in a basement."—*Pathfinder.*

Condolence

Bride-to-Be: "Well, what did your friend say when you showed him that photograph of me?"

Husband-to-Be: "Nothing; he just pressed my hand in silence."—*Tit-Bits.*



Humorist

Bored Critic (to colleague, referring to hackneyed plot): "Who's written this play THIS time?"

A Quotation for Today

THINK of others as if you were the others.

—DAVID GIBSON

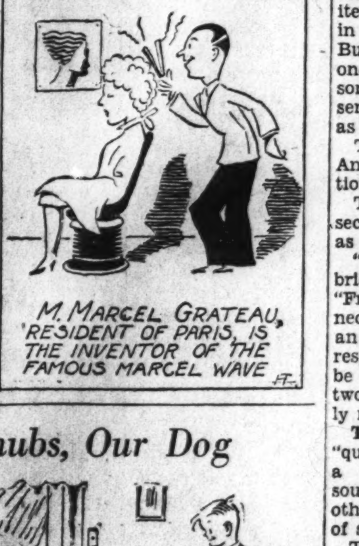
Did You Know That—

It is 1250 feet from the street to the tip of the mooring mast on the Empire State Building?

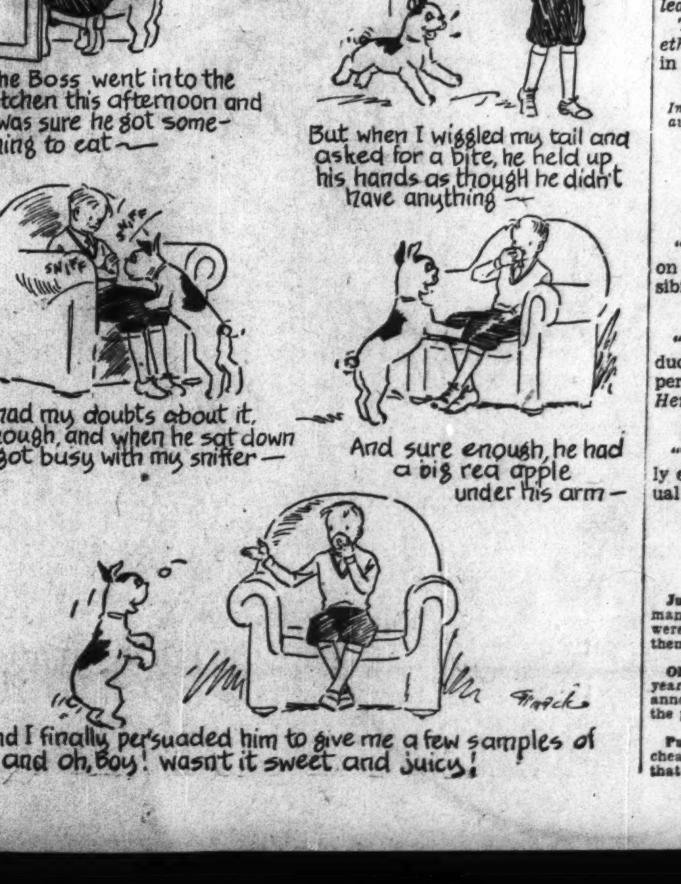
The oldest sponsored daily radio program, according to the National Broadcasting Company, was first radiocast on March 30, 1925?

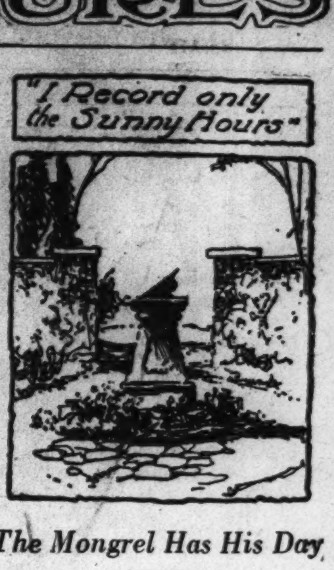
The lorry is the only type of motorcar made in Switzerland?

Worth Knowing


M. MARCEL GRATEAU, RESIDENT OF PARIS, IS THE INVENTOR OF THE FAMOUS MARCEL WAVE

The Diary of Snubs, Our Dog


The Boss went into the kitchen this afternoon and I was sure he got something to eat—
But when I wiggled my tail and asked for a bite, he held up his hands as though he didn't have anything—
SNIFF
SNIFF
I had my doubts about it, though, and when he sat down I got busy with my sniffer—
And sure enough, he had a big red apple under his arm—
And I finally persuaded him to give me a few samples of it and oh, Boy! wasn't it sweet and juicy!
Frack


"I Record only the Sunny Hours"

The Mongrel Has His Day

Los Angeles

THE Bench Show was on in all its splendor—the blue blood of dogdom was on parade. One of the spectators who lingered long over each entry was Uncle John of local radio fame.

Uncle John conducts a children's hour, and he is always on the watchout for some new interest for his children in radioland. And that night he told his audience all about the show, he told them that while he was at the show he had an inspiration; then he unfolded a plan for them to have a dog show for unpedigreed dogs. It was to be held at the park on Saturday afternoon, and all the children were invited to enter their dogs. A few rules were given, but they were not too binding.

Saturday at last came, a day warm and bright, that gave promise of a glorious afternoon at the park. By noon hundreds of people began to arrive and most of the children brought dogs. There were dogs and dogs and dogs; washed, perfumed, ribbon bedecked. The one common strain that ran through all of them was love. It was evidenced in the highest degree and quite overcame any seeming lack of blue blood.

"Snubs" appeared in many colors and shapes. The "golfhound" attended in sports clothes, sweater, plus fours, golf cap—and he carried his golf bag on his back. Mr. and Mrs. Rags, mostly poodle, pulled a wagon in which were six puppies of their own. King, who was not much to look at, and whose ancestry bothered him not at all, spent his time looking after his young master. Uncle John brought his Mexican dog in his pocket.

Many were the awards. Then Uncle John talked to the children about a more active sense of love for all animals, and then it was voted that the unpedigreed dog show should be an annual affair. The dogs barked their aproval, then went home, believing they had had their day.

A Word a Day

Notes and Queries

Eiffel, de luxe, talitha cumi, Jairus, valet, coupé ("B. G. F.")—The first is often mispronounced, but it should be sounded *ef-el'*, with secondary stress on first syllable; each *e* short. Not *Eye'-fel.*

The second is pronounced *de-luks'*, with *e* as in maker, *u* as in menu (purse the lips to say *oo*, but, while holding this position, pronounce long *e*).

The third is sounded *ta-le'-tha* (each *a* as in *ask*, *e* as in key) *koo'-me* (*oo* as in food, *e* as in descend).

The fourth is preferably accented on the first syllable, *Jay'-i-rus* (long *a*, short *i*, *u* clipped as in circus). We regret that the pronunciation of this name, as well as that of the third item, does not agree with that given in the inquirer's pronouncing Bible. But for this department to accept one authority in one instance, and some other in another, would be essentially for this department to pose as an authority.

The fifth seems to be thoroughly Anglicized, the accepted pronunciation being *val'-et*, with vowels short.

The last is sounded *koo-pay'*, with secondary stress on first syllable; *oo* as in food, *a* as in ace.

"Fratority" (Miss V. T.)—This hybrid is not recognized by dictionaries. "Fraternity" and "sorority" were necessary because they designated an association of males or females, respectively. With so many words to be used for societies or clubs of the two sexes, the proposed word scarcely meets a need.

The, a (D. D.) —The *e* in the is "quick-long" (as in descend) before a word beginning with a vowel sound, as the apple, the hour. In other cases it has virtually the sound of short *u*.

The indefinite article "a" is always sounded as in *sofa*, except when the name of the article, or when used emphatically.

Leif (Miss N. DeG.)—Sounded as *leaf*.

Travaileth (Mrs. M. E.)—*Trav'-al-eth*, with first *a* as in hat, second as in mandate, *e* as in get.

Note: First choice in Webster's New International Dictionary is accepted as authority for pronunciation.—Ed.

What They Say

On Individuals

"Our future development depends on individual recognition of responsibility."—*Col. Charles A. Lindbergh.*

Mass Producer Speaks

"Instead of halting quantity production, the effect of the present experience will be to increase it."—*Henry Ford.*

Crisis

"The world crisis is no longer solely economic, but, above all, is spiritual and moral."—*Benito Mussolini.*

Brevities

Judge: We've just heard of one smart man who made sure that his presents were not opened until Christmas. He sent them wrapped in cellophane!

Ohio State Journal: One injustice of leap year is that every time an engagement is announced someone will wonder who did the proposing.

Publishers Syndicate: But if living is cheaper, what is it the Government buys that requires more tax money every year?

THE CHRISTIAN SCIENCE MONITOR

BOSTON, THURSDAY, JANUARY 7, 1932

"First the blade, then the ear, then the full grain in the ear"

PUBLISHED BY THE CHRISTIAN SCIENCE PUBLISHING SOCIETY

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EDITORIALS

Shall 1932 Be a Year of Jubilee?

THE Biblical year of jubilee offered a stimulating opportunity for forgetfulness of past misfortunes and mistakes. Recurring every fiftieth year, it decreed freedom to those who had sold themselves into slavery, and the return of land to its original owners. According to Josephus, the debtor was also freed from the demands of his creditor. Once more society could make a fresh start; once more it was springtime for all.

Superimposed on the complicated economic system of our day, such a provision, adapted to a primitive state of society such as that of Old Testament days, might seem utterly impractical and out of place. But if ever the world needed something in the nature of a jubilee year it is today. A new year may have arrived, but it is so encumbered with the distresses and obligations of the past that one finds it hard to detect the bright quality of "newness." The essence, the essential meaning, of the old jubilee festival—the willingness to forgive and forget—is what the modern world of 1932 so sorely needs and so sadly lacks.

At a recent discussion of the Foreign Policy Association in New York on the subject, "The European Quandary," both speakers painted a grave and depressing picture of the present condition of Europe. The war mentality, so they claimed, has not passed away. European nations are, for the most part, ranged on either side of the Treaties of Versailles, St. Germain, Trianon and Neuilly. Fear, hate and resentment are rampant. According to such evidence, if there is any one word which should be written across Europe in letters of fire today, it is the word "forgive." In an atmosphere of forgiveness of old grudges between nations, reason and justice would find a soil in which they might once again assert themselves to right present ills and adjust stubborn difficulties.

But we are practical realists, someone may say. We do not live in a world of such idealistic hopes. Yet it is clear that all are living in a world which is being forced by its own trials to learn many new and inescapable lessons. May not forgiveness on a scale never before realized be one of these?

And what of the United States? It asks of Europe that it shall lay aside its animosities and turn its attention to the practical problem of disarmament, that it shall forgive and forget old wounds. What, then, of its own attitude? Does it show itself ready to forgo a reasonable portion of those debts which it claims from a Europe threatened with financial collapse? Does it show itself willing to coöperate in jettisoning racial suspicions, in organizing world peace, in clearing the channels of trade and facilitating the interchange of culture? Europe's task is so much the more difficult that the United States will be a laggard indeed if it does not lead the way at this juncture. Let it accept the task and the privilege of setting the world's course in the right direction—that of forgiveness of the past.

Shall 1932 be a year of jubilee? If so, the nations must learn how they may successfully turn away from a burdensome past, to discover what the future holds of progress and true peace. The promise is explicit, "Forgive, and ye shall be forgiven."

Exit the Radio Reviewer?

THE announcement that the British Broadcasting Company will cease radiocasting those detailed criticisms of books, plays and films which have given pleasure to so many thousands of listeners during the last few years will doubtless be cause of regret in many quarters, even though the gap will be filled with talks of a general nature on art and literature.

It is said that the change of policy is the result of protests from publishers and theatrical and cinema managers, who feel that the radio audience of approximately 5,000,000 listeners gives to the B. B. C. critics' opinions an altogether undue weight. If Mr. James Agate, for example, happens to dislike a play, he can theoretically tell 5,000,000 people over the radio of his unfavorable impression, while the critic of even the most popular newspaper reaches an audience of less than 2,000,000.

One feels, however, that there is some exaggeration here. Not even the most enthusiastic upholder of the popularity of the B. B. C. talks would claim that anything like 100 per cent of the listeners tune in its literary, dramatic and film criticism. And it is safe to assume that the vast majority of those who are interested enough in the subject to do so are also interested enough to read what their daily paper has to say about current books, films and plays.

The B. B. C. has by no means that enormous influence it is being credited with. But even if it had, this very fact would be a reason, not for refraining from using its influence, but for using it judiciously. This the B. B. C. has done, for its critics are admittedly among the most able in the country.

One particularly regrets the disappearance of its film criticism. There is little or no serious film criticism in the great English popular dailies. Most of what passes for such is mere personal gossip about the personalities of stars and directors. The B. B. C. has been practically the only agency that has consistently held before the masses of movie fans the conception that the film is an art. One hopes that the new series of talks will find some way of continuing this service.

Regulating the Motor Carriers

FOR a long time it has been generally agreed in the United States that railroads, motorbuses and motortrucks—together with waterways and air transport lines, for that matter—ought to be coördinated into a closely knit transportation system with each type of carrier doing the part it can do most efficiently. Yet rail and motor can hardly become parts of a coördinated system while one is regulated by national authority and the other is not.

On this basis, the recommendation made to the Interstate Commerce Commission by one of its examiners, Mr. Leo J. Flynn, that the commission's authority ought to be extended to include the regulation of interstate motorbus and truck operation is eminently logical. His conclusions are based on hearings held in seventeen cities during the last two years. His is said to be the first official report to include motortrucks in the scope of proposed federal regulation, but this is probably even more essential to the preservation of the railroads than is the supervision of motorbuses.

But when regulation is considered, as it will be in Congress when the I. C. C. files its recommendations or when the Parker Bill on this subject comes up for a committee hearing, queries arise as to just what kind of regulation is meant and what can be accomplished by it. Does it mean, for instance, that the commission, or its joint boards representing the states under Mr. Flynn's plan, will attempt to equalize competition by ordering the motor transporters in every instance to quote the same rates as the railroads? Surely not. This would be arbitrary and insupportable, and would be the opposite of encouraging each to find the field to which it is peculiarly suited.

Motor transportation, in its own interests and the interests of the public, should be allowed to offer the most attractive rates and services possible consistent with its actual costs of operation, including the use of the highways. But these tariffs should be crystallized, as railroad tariffs have been, into some uniformity upon which the shipper and even the competing motor carriers can rely. Moreover, regulation can make sure of the financial responsibility of motor transport operators and of their regard for public safety.

But there are some things which regulation cannot do. It cannot alone equalize the conditions of competition between motor and rail, which Mr. Flynn's report and other studies indicate is clearly necessary if satisfactory railroad service is to be maintained. He says:

> The question of taxation of motor vehicles for hire operating on the public highways has so important an economic relation to the highway competition confronting carriers now subject to its jurisdiction that the commission should direct attention to the necessity for ascertaining . . . whether or not motor carriers . . . are contributing toward the construction and maintenance of the public highways used by them an amount commensurate with their use of such highways as places of business.

This is largely a subject for state action. Federal regulation of interstate bus and truck operation is necessary and desirable for many reasons, but it should not be looked upon as a panacea. States should see that their own systems of regulation for intrastate motor carriers are functioning effectively and that they are distributing tax burdens equitably between railroads and motor lines in view of the latter's use of the publicly built highways.

When Repeal Says "Don't Repeal"

PARADOXICALLY, Finland's vote for repeal of its prohibition law involves arguments against similar action in the United States. Yet the Finnish overturn is being hailed as an example to be followed in America. Such a view overlooks fundamental differences.

Accurate comparison is possible only by considering a small section of the United States, say California, which roughly corresponds in area and population with Finland. This bit of America must then be imagined with an archipelago along its coast, making prevention of smuggling virtually impossible. All around must be liquor-producing nations. Under such conditions, it is to be imagined how long California could enforce prohibition, especially if under economic stress.

Finland held out twelve years under just those conditions. During this time the persistent arguments so familiar wherever strictures have been placed upon the liquor traffic were dinned into the public ear. Prohibition was blamed for the general lawlessness which followed the World War. The hope was held out to a tax-weary populace that the deficit would disappear with repeal of the dry law: "It can't be enforced," was shouted even when the agrarian cabinet a year or so ago put the service on an efficient basis, only to have its work checked when a wet coalition came into power. This coalition has taken successive steps leading up to the present repeal.

Beneath the technicalities of language, Finland is still confronted with the necessity of prohibiting the illicit liquor traffic in order for its proposed government-controlled system of manufacture and sale to succeed. The leading proposal for checking smuggling is a high import tax. Centuries of experience prove that this fosters smuggling to evade the tax and undersell those who pay it. To eliminate speakeasies, it is proposed to set up a monopoly operating taxed stores. Here again is an incentive to engage in clandestine traffic.

Finland in abandoning prohibition is thus falling back upon methods for dealing with the liquor traffic that were thoroughly tested and found wanting under less trying conditions than the world faces today.

Rightly viewed, the succession of events in Finland shadows forth what might be expected in one state after another if the most popular current proposal for modification of American prohibition were adopted. Finland could not stay dry surrounded by wet neighbors. Neither could individual dry states if America returned to local option, license or governmental sale.

The United States as a whole, with an enforcement personnel every year turning in a better record, holds the possibility of protecting dry states and progressively dehydrating centers of violation. Far from beckoning America to the path of repeal, Finland's experience shows the leading wet "substitute" for prohibition to be a blind alley.

A Practical Proposal for Disarming

AS DEFINED by President Hoover and Premier Laval in their joint Washington communique, the task of the 1932 Disarmament Conference will be "the organization on a firm foundation of permanent peace."

Whatever this definition may lack in lucidity it makes up in comprehensiveness. The way is left open for the world's leading statesmen to take any action they feel will establish the peace of the world on a permanent basis. It may be that there will emerge from the discussions at Geneva some peace move which has not hertofore been envisaged as within the scope of the Disarmament Conference.

Russia, oddly enough, was the first to seize upon the breadth of scope allowed by the definition. The Soviet Government has come out with a proposal that the conference should proceed simultaneously to the consideration of international economic and financial problems.

Such a proposal certainly has some merit, for it shows that even Russia, striving with all its force for isolation and self-sufficiency, realizes the need for concerted international action to tackle the economic and financial difficulties that face the whole world. But to overburden the already ominous agenda of the Disarmament Conference with all the specific economic ills of the world would be obviously unwise. And besides, the connection between excessive armaments and the world's economic and financial troubles is so close and so clear that a discussion of one must necessarily involve the other to some extent.

A more meritorious suggestion is offered by a writer in the Round Table, British quarterly review. His plan is startlingly simple. Permanent peace, he says, can be considerably advanced at the February conference or before it, or at any time statesmen really care to advance it, by a brief agreement among the principal nations that they will collect their taxes in two assessments, the first to cover the costs of past, present and future wars; the second, the constructive activities of government.

That is all. And that would be sufficient. For, as the Round Table writer concludes:

> No statesman who professes to prefer a régime of peace to one of war could honorably refuse to enter such an agreement. And the fellow who pays for it all, learning for the first time that 65 per cent of his tax was to be paid under the first assessment, and only 35 per cent under the second, would shortly, at the polls, have something of moment to say to his governors on the subject of disarmament.

And when the taxpayer speaks clearly enough, statesmen will find a way to disarm.

Statistician, Spare That Tree

THERE are 5,500,000 apple trees in the State of Washington. That is interesting. But gnarled, sprawling apple trees with brittle branches in the fall and revivified green-sprouting limbs in the spring somehow do not fit statistics so well as they fit memories.

Many persons will be inspired to particularize, to overlook the forest for the tree of reminiscence which, perhaps, did not get into the count at all because it leaned too unobtrusively over a shed in a boy's back yard. That tree may be one that possessed no value as a producer of apples for the market, one that blossomed wanly in the spring and yielded hard, diminutive fruit but sparsely in the fall.

Nevertheless, it was a trysting place. Afternoon shadows gathered there in summer. Under its branches the ground was moist and receptive for the blade of the deftly managed jackknife. In its bark were initials inscribed with the point of that same knife. The youth who grew up with an apple tree in his back yard was apt to develop such familiarity with it that it became to him unique. He cannot easily understand the presence of millions of others in the world.

Consequently, in later years, confronted with statistics, one may find his imagination usurped by a single tree. Instead of the panorama of a proud forest of trees with their "sea of bloom," will appear a single innocuous tree with wet, glistening branches blowing in the rain or its scrawny limbs wrapped in snow above winter's muteness. It was an unimportant tree to all but the birds that nested there and the boy who idled there. No pruning knife lopped off the old unproductive limbs; they were left to shatter on the winter's crust.

Friendly to birds and shadows, jackknives and "long, long thoughts," the tree in the back yard hardly deserves to be counted with those others that multiply apples in the market place. It could not be liquidated into any marketable wealth, yet in retrospect it towers above even a statistical aggregation of 5,500,000—can they be apple?—trees.

Editorial Notes

Caterpillars in the snow fields of Norway. Sounds strange, doesn't it? But according to a report from the United States Consul at Oslo, caterpillar bus lines have been organized recently to operate over the snow to the winter resorts, it having been necessary formerly for travelers to use horse-drawn sleighs.

With some 80,000 persons paying to see the Southern California-Tulane football game at the Rose Bowl, Pasadena, it looks as though California has two golden gates.

You may also have noticed, if pay day comes on Friday or Saturday, that 1932 contains fifty-three of them. A Prosperous New Year!

Halfway to Utopia: In Scandinavia

By R. H. MARKHAM

Mr. Markham, the Monitor's correspondent in the Balkans, has been traveling northward. He has recorded his impressions in a series of articles, of which this is the first

GOTHENBURG, SWEDEN

SCANDINAVIA is a land of solved problems, of realized ideals. It consists of two peninsulas, three countries and hundreds of islands, on all of which live 12,000,000 people, most of whom are tall, long-faced, light-haired, very serious and quite genial.

One of the peninsulas resembles an enormous sack hanging from a curtain ring, encircling the north pole. Most of it is quite empty and frigid, covered with deep snows, which retreat during only the brightest part of the nightless summer. The bulging lower part, however, dangling amid warmer seas, is verdant and smiling, filled with wealth and people, high church steeples and red wooden houses. It is divided lengthwise into two countries, Norway and Sweden, which together are far larger than any other land in Europe except Russia.

The other Scandinavian peninsula, Denmark, about twice as big as the State of Massachusetts, is level, verdant and sunny, mounting up like a tassel amid seas and straits and sounds to meet its giant neighbor swinging down from the arctic circle.

* * *

One can very easily look east from Denmark over the waters to Sweden and cross them on frequently plying ferryboats in half an hour. Although Denmark is an integral part of the European continent, fastened onto Germany like an oblong handle, in its traditions, history, civilization and affiliations it is unmistakably a part of Scandinavia.

Still one should not infer from this that the Scandinavians are altogether different from the rest of Europe. They are Teutons, and their houses, public buildings, habits and temperaments constantly remind one of the other branches of that racial family. German civilization, wherever it exists, from Cluj in Roumania to Strasbourg in France, from Ljubjana in Jugoslavia to Rattvik in Sweden, can immediately be distinguished even by a casual observer.

And very few Teutonic peoples have worked out such satisfactory ways of living as the Scandinavians. One proof of this is that they are not so very much in the news of the day. People throughout the world do not rush for their morning papers in order to see what is going on in Oslo or Copenhagen. Scandinavia is not making a fuss about reparations, or war debts, or gangsters, or freedom-seeking colonies, or shaking empires, or treaty revision. It is not terrified by "reds," nor enraged at Fascists; it threatens no neighbors and feels menaced by none.

* * *

Scandinavia has poise; it has attained equilibrium. Not the poise of an immovable rock, but of a rich harvest season; not the equilibrium of stagnation, but of productive springtime, of utilized, regulated power.

The people of Scandinavia have passed a road along which many nations are still struggling. For example, they have disposed of their history in an exceedingly satisfactory way. And this is no small matter, since history is often a troublesome tempter.

All three Scandinavian peoples have had plenty of past glories. Denmark was once a "great power." It exercised dominion over far-flung lands and gave a dynasty even to so strong a country as England. Swedish kings conquered large parts of Europe, dominating international councils. The Norsemen ruled the waves and extensive coasts, discovering America and settling many distant lands.

These were among the most powerful people in Europe and held sway over countries far from their capitals. But now that they have contracted, they have attained a normal state. They have established natural boundaries, found their rightful place in the world and are content. They are not lying back on their oars nor drifting, but have discovered their best course and their best gait and are moving ahead with the least strain.

* * *

They are among the happy little nations, better off in many ways than the great powers.

In their international relations they serve as a model to most other peoples. This achievement is not due to any accident nor to the lack of problems, but to the overcoming of grave difficulties. The Scandinavian peoples have fought many wars with one another. They have all suffered past injustices which they might remember. They have conquered, subjugated, oppressed and exploited one another. There have been "tyrants" and "slaves"; they have carried on struggles for liberation, had lands to be redeemed and wrongs to be redressed.

In other words, they possess all the fuel that usually keeps enmities flaming. Yet, in spite of this, the three countries live in complete harmony, coöperating in scores of fields and settling all disputes by legal methods. For a century they have been at peace with one another and all have reduced their armies to a minimum. They take pride in peace rather than in war, and devote their energies to national progress rather than to national defense.

Then, again, they have resolved or are resolving in an almost ideal way the conflict between town and country, between the villagers and their city cousins. At present this is one of humanity's greatest problems. The peasants have raised themselves to a level of well-being, culture and political power attained in but few other places.

And in spite of the rapid growth of industry, also, relations between workers and employers have been less strained than in many other lands. The workers have organized themselves; there have been very strong Socialist parties and advanced social laws have been passed and are enforced, yet the conflict has always been marked by much moderation and by a lack of panic and fear.

* * *

But from all this it must not be supposed that the Scandinavians are [illegible] practical or [illegible]. The Scandinavian [illegible] are noted art [illegible]. In sculpture, [illegible], painting, literature and drama, these people have won great distinction. The beautiful, the harmonious and the exquisite are vital elements in their lives.

These are lands with attained aspirations. Vast, somber forests; sheer, mysterious fiords; smiling plains; countless lakes; deserts of snow; the midnight sun diffusing all with an alluring glow; unsurpassed factories; fields that yield the maximum; record-breaking farm animals; artists known throughout Europe; care for the weak and unfavored; progress without fury; democracy without confusion, and over all the fecund spirit of peace: that is what one finds in Scandinavia.

Notes From Cape Town

A ROAD passenger service has been inaugurated between Nairobi and Johannesburg, and the first convoy of two six-cylinder cars and a truck, conveying four passengers and goods, has reached the Union.

* * *

A Witness Of Change

Mr. J. R. Finch, who retires from the position of town clerk in Cape Town after thirty-eight years, has witnessed a metamorphosis of the city. He was present in an official capacity at the opening of the post office, and he has seen Adderley Street transformed from a street of mean buildings to an outstanding business thoroughfare. But it is in the development of municipal enterprise that Mr. Finch has been chiefly instrumental. The city's great water and electricity schemes, the building of the pier and the formation of the Cape Town Orchestra—all these owe themselves largely to his foresight and organization. In addition to these things, Mr. Finch is credited with conceiving the idea for unifying the small adjoining municipalities into Greater Cape Town. He is also the author of a valuable compendium on municipal laws and an official handbook on the Cape of Good Hope.

* * *

Who's Who Of Black Folks

The publication of a "Who's Who of Black Folks in Africa" marks the conclusion of a long and difficult task. The editor is Mr. T. D. Mweli Skota, and he points out in his introduction to the book that "for years the world has been wanting to know more about Africa and her people." Besides supplying a wealth of information about leading individuals of the Bantu population of South Africa, the book presents naturally, and without any embittered or provocative note, a competent statement of the native point of view.

* * *

Report On Monuments

The first report of the South African Natural and Historical Monuments Commission has been published. With its many objects of historic and scientific interest worthy of preservation, South Africa decided about twenty-five years ago to form a National Society, which has paved the way, educating the public to the necessity of preserving its monuments. This resulted in legislation being passed in 1923. A Historical Monuments Commission was set up, enjoying government support. This commission now works in close coöperation with the National Society.

A survey of all existing monuments has been made, Bushman paintings and relics have received close attention, game reserves and bird sanctuaries have been created, historic buildings have been specially dealt with, and old military defenses have been restored. Other points considered are unscientific excavations, the export of historical objects, and the protection of flora and places of natural beauty.

* * *

At Modderfontein, near Johannesburg, the biggest single industrial plant built in South Africa for a generation, and costing £500,000, has just been completed. It is the first nitrogen-fixation works in the Southern Hemisphere. These works will render South Africa independent of the 20,000 tons of nitrate hitherto imported annually from Chile at a cost of about £250,000.

* * *

Buried City Discovered

Near the town of Heilbron in the Free State a buried city has been discovered by Dr. P. W. Laidler. The roof tops are only a few feet under the sand and partly overgrown with grass and weeds. These remains of an ancient architecture extend at least two miles in length and half a mile in width, and bear unmistakable signs of a civilization akin to the builders of Zimbabwe. The ruins are well preserved. A smelting plant was found, with ashes still around it, showing that the inhabitants had progressed beyond the Stone Age.

The roofs also are of stone as well as the huts, built without any cement, and evidence shows that there lived two distinct races, one as tall as the Bantu and the other as small as the Bushman. The beehive type of hut is not confined to Heilbron, and the construction of it requires a considerable amount of skill.

Mirror of World Opinion

The opinions expressed in the quotations hereunder do not [illegible] necessarily the indorsement of the Monitor.

The Great Need in Business

STATESMEN and business men are groping [illegible] way out. From everywhere come plans—new mechanisms. But the root of the trouble lies deep as the spirit of man. We have organized our human relations, which constitute the fabric of society, without studying or understanding man. We have used as a basic principle that an individual or a group can be advanced at the expense of others in the same field. Quite the contrary is true. The basic law of human relations is that each man is his brother's keeper. The well-being of each individual and each group is interdependent upon the well-being of others. . . .

The underlying law is the new commandment formulated by Christ over nineteen centuries ago—a commandment to love a neighbor as ourselves. This new commandment states the basic law of human relations which should guide all of our relationships, without which we cannot have material wealth or lasting cultural and spiritual power.

Until we stop trying to separate the principles of Christianity from business dealings, until an employer scrupulously gives his humblest employee all that he has honestly earned, we shall have injustice, unrest, and all the evils born of them. The most practical, enriching experience that business holds comes from organized efforts for coöperation of the whole work group—the sharing of information, the fusion of effort, the spirit to make improvements, the will to share justly and equitably the returns from joint efforts.

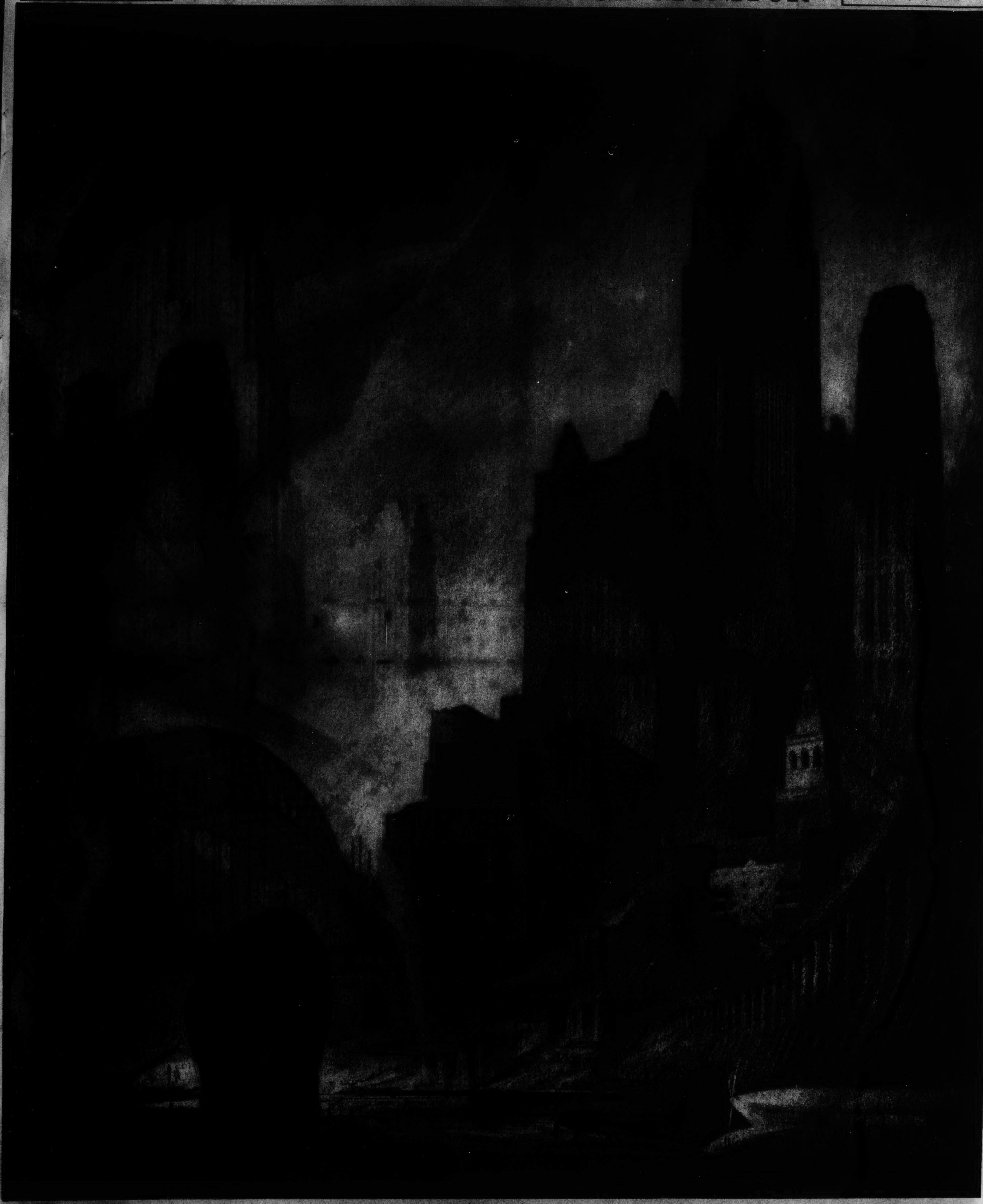
The real cause of our economic debacle is dishonesty—conscious or unconscious. Employers or investors who took advantage of their position to protect their interests at the expense of others—declaring high dividends and stock dividends and leaving workers' incomes insecure and low, those who hoped to make fortunes by speculation, those who did not give honest service, have all contributed to our present economic unrest. . . .

Our economic structure is no stronger than its weakest link; our national life is no more enduring than the standards that determine relations between men; individual development depends upon capacity for spiritual understanding and progress. —*William Green,* in the *American Federationist.*

World Achievement Section—Part I

THE CHRISTIAN SCIENCE MONITOR

Boston, Massachusetts
January 7, 1932



MANY of the greatest achievements realized through the hands of men crowd the record of 1931—doubly significant because of difficulties overcome. The composite picture of these accomplishments visualizes, not only victories over retrogression, but progress that is built upon the foundation of faith, courage and vision.

The Christian Science Monitor Editorial Board.

Drawn for The Christian Science Monitor by Hugh Ferriss

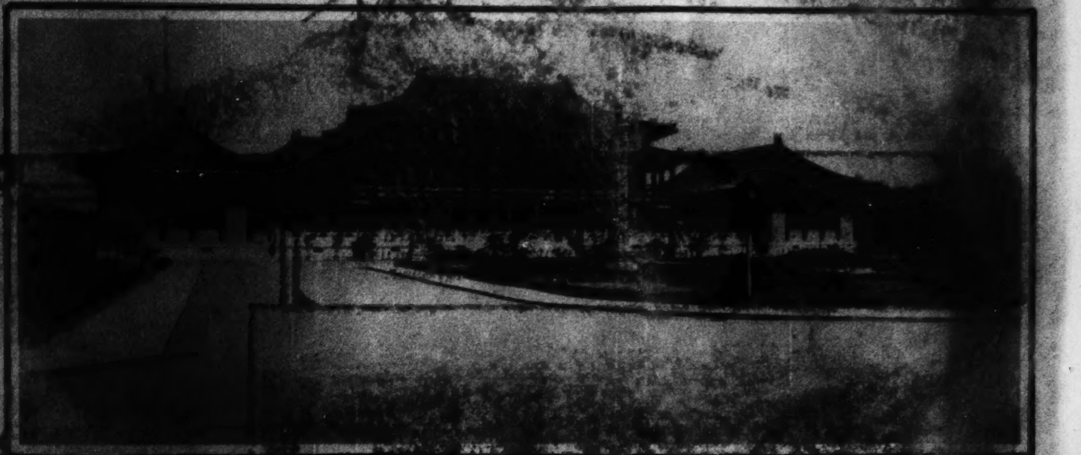
SYMBOLS OF PROGRESS

INDIA BUILDS ANEW
The Viceregal Lodge, one of a group of structures completed in 1931 following formal opening of modern city of New Delhi, centered among the ruins of seven former capitals of the country. The residence of the viceroy, shown from the Mogul gardens, is one of a group of structures including the Council House, which will be the meeting place of India's ultimate Federal Government, and two massive secretariat structures which house all the departments of the present Government of India. The building of the modern city of New Delhi involves a cost of approximately £15,000,000.

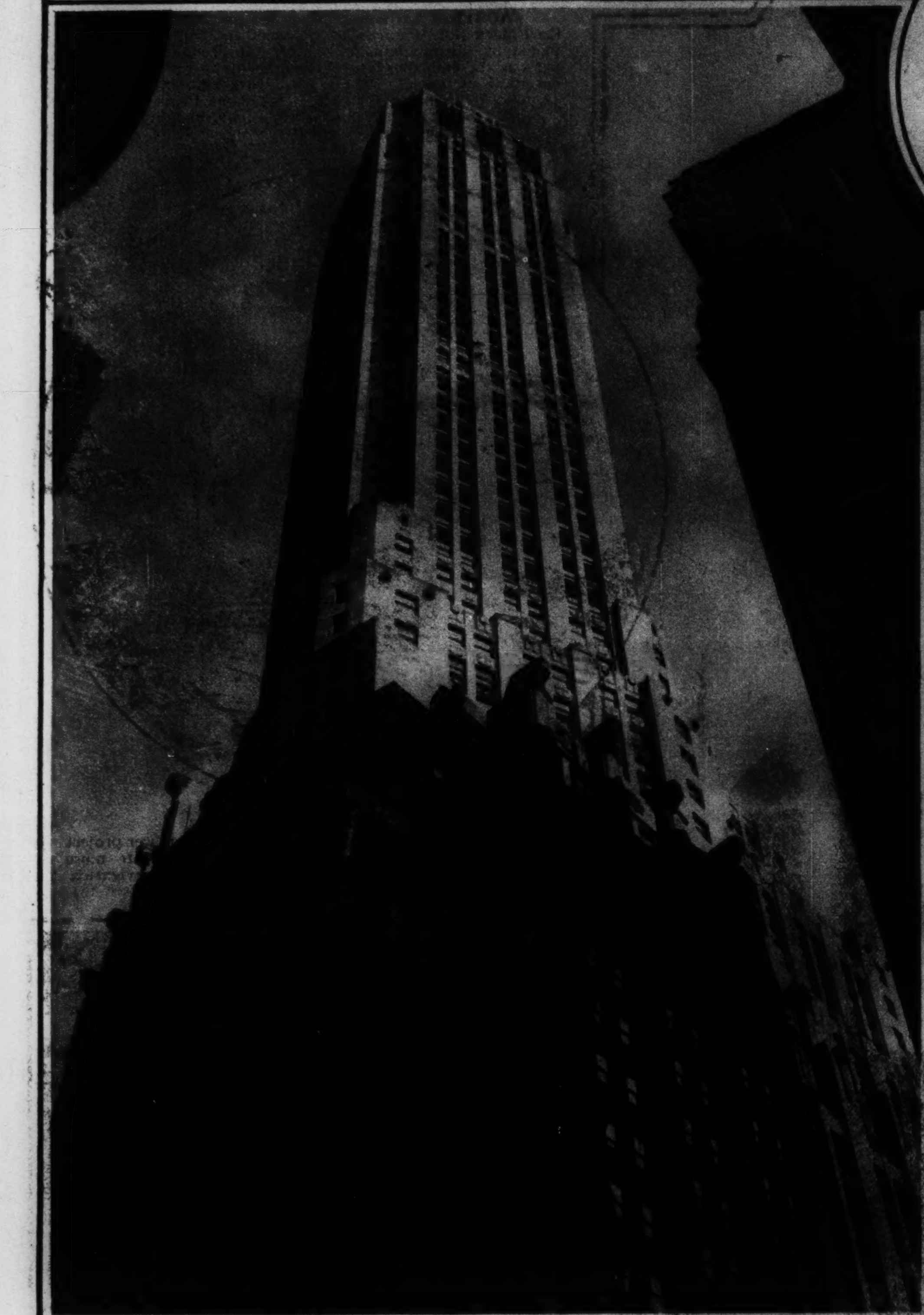
—Kinsey Bros.

From Ewing [illegible]

A GREAT DAM HARNESSES THE WATERS OF THE NILE. The Assuan Dam, a mile and a quar[illegible] is being raised for the second time to impound a greater volume of water. An elaborate plan for devel[illegible] of industries in connection with the dam work is being made, including extensive [illegible] of ra[illegible] Improvements to the Assuan Dam continue a project initiated more than three decades ago.



IN THE "MIDDLE KINGDOM" The new National Library in Pe[illegible] bolizes the efforts of China, despite [illegible] difficulties, to build constructively [illegible] future. Modern utility and ancient [illegible] [illegible] are blended in the arc[illegible] [illegible] country now has [illegible] [illegible]



Ewing Galloway

FINGERS OF FINANCE POINT TOWARD THE SKY
One of Manhattan's newest super-skyscrapers, the City Bank-Farmers' Trust Company building, with 60 stories towers 741 feet above the level of the street. Its white tower rises from a congested area in lower Manhattan, where successive construction of massive structures has made New York unique.

[illegible] Am[illegible] builds its first tall [illegible] [illegible] building. Twelve [illegible] embodies numerous mod[illegible] of design, includ[illegible] of window space.

[illegible] OF B[illegible]
The George Washington Bridge, across the Hudson between New York and New Jersey, sets a record with a span of 3500 feet. It paves the way for [illegible] sion structures which will be [illegible] of bridging a distance as great [illegible] miles. Completed in 1931, it is [illegible] as one of the greatest achievements [illegible] modern bridge building, not [illegible] cause of its size but for the [illegible] advances which were required in order to make it possible.

ACHIEVEMENT is not to be measured by steel and stone alone. Across the gorge of the Hudson there is thrown the mightiest bridge yet to come from the hands of men. Its sweep of 3500 feet virtually doubles the size of previous bridges. But more significant is the knowledge gained in its building. For the George Washington Bridge demanded new accuracy in computing stresses of cable, methods of making stronger joints, improved technique of construction. As the result, engineers are ready to bridge a distance of two miles—10,000 feet—with a single span.

So with many achievements of the day. Theirs is the heritage of the past. Theirs is a contribution to progress of the future. Throughout the world, in a period of economic stress, great projects have gone forward—significant, not for size alone but because they demonstrate the continuance of progress.

Bridges, linking the commerce of states and cities, form a striking chapter in construction's record. In Australia, Sydney and North Sydney are linked with one of the largest of steel arch bridges, with a 1650-foot span over Sydney Harbor. Between New York and New Jersey, the longest arch span in the world bridges the Kill van Kull at a cost of $16,000,000. Across the Nile, at Jinja, a bridge is opened which was first erected in England, disassembled, and shipped to East Africa. On the Pacific coast of the United States the Willamette River is crossed with a $4,250,000 suspension bridge with a clear span of more than 1200 feet.

Over the Delaware River, one of the largest private toll bridges in America connects the cities of Burlington and Bristol; a multiple concrete arch crosses the Potomac between Washington, D. C., and Arlington; steel trusses span the Illinois River at Hardin, Ill.

The task of harnessing the waters of the world for power, irrigation and other uses has progressed. The Columbia River, hitherto unbridled in its 1400-mile dash from the Canadian Rockies and the Selkirks to the Pacific Ocean, turns the turbines of the first unit of the $14,000,000 Rock Island project near Wenatchee, Wash. At Safe Harbor, Penna., generators whir at the opening of the first unit of a $30,000,000 project. On the Muskegon River, near Oxbow, Mich.; on the Ouachita River in Arkansas; on the Lewis River in Oregon; amid the hills of Maine and the Sierra Nevadas of California, projects aggregating millions of horsepower are being carried forward.

In Westphalia, Prussia, Germany completes one of Europe's largest hydroelectric plants. In nearly all the provinces of Canada new hydroelectric projects move to completion, among them the Beauharnois project on the St. Lawrence, which ultimately is to develop 2,000,000 horsepower. India goes forward with its Mettur and Sukkar projects. China places canals in service, marking the restoration of works more than 1000 years old. In Missouri a $75,000,000 hydroelectric project sees completion of the Bagnell Dam. And as these and numerous other developments are furthered on five continents, initial work begins on the Hoover Dam, across the canyon of the Colorado River, the largest project of its kind yet undertaken.

Nippon Dempo photo

THE TEIKOKU GIKAI GIJIDO, new home for the Imperial Japanese Diet, gives Tokyo one of the largest and finest parliamentary buildings in the world. It is the center of an impressive group of government buildings, planned after the 1923 earthquake. Although a number of the new structures have been completed, the plans still call for further development for the Japanese capital.

Underwood

IRRIGATION AND HYDROELECTRIC PROJECTS have gone rapidly forward in the western part of the United States. The second highest multiple arch dam in the world was formally dedicated at Glendora, Calif., by officials of Los Angeles County. It will irrigate thousands of acres of fertile land and protect large areas from the possibility of floods.

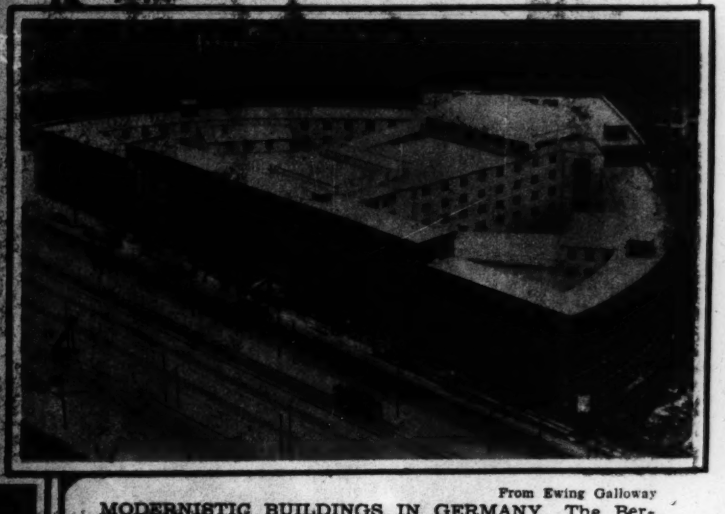
[illegible] THE "DRAGON" OF THE OZARKS [illegible] one of the major engineering projects completed in [illegible] waters of the Ozark mountains, it will utilize [illegible] ultimately [illegible] horsepower.

AUSTRIA BUILDS FOR "FAMILY" OF 40,000
Karl Marx Hof, Vienna's largest tenement house, was completed by the municipality in 1931. It provides for 40,000 persons and embodies latest developments in equipment and design. It is typical of the trend toward modern municipal housing developments which is evidenced in numerous European countries. Engineers classify Karl Marx Hof as one of the largest and most outstanding of these projects.

© Photograph Bureau. Moscow

ELECTRICITY FOR RUSSIA
The Soviet pushes its new Dniepr River water-power project toward completion. A project which will generate more than 800,000 horsepower. Opening of a river to navigation, the building of new towns and industries are part of this project.

[illegible] BRIDGE SPANNED. Although there are [illegible] the one linking Sydney and North [illegible] Australian bridge as one of the [illegible]



From Ewing Galloway

MODERNISTIC BUILDINGS IN GERMANY. The Berlin Broadcasting Company structure, unusual in shape and typical of modernistic European design, was photographed from the top of the radio tower. It houses one of the most powerful broadcasting stations in Germany.

Ewing Galloway

ATOP THE SKY LINE OF THE WORLD
The Empire State Building rising to a height of 1250 feet is the highest structure yet to be built by men. It dominates the Manhattan landscape indicating the heights possible with the utilization of modern methods of construction and engineering. For the first time, the number of stories must be written in three figures. The Empire State Building's "top floor" is 102.

SKY lines of a thousand cities reach upward. On both sides of the Atlantic—on the shores of three continents washed by the Pacific—buildings rise to new heights in evidence of progress unstopped.

Dominating the sky line of the world, the Empire State Building towers above New York, its 102 stories giving it a height of 1250 feet. It is the tallest structure that men have ever built. Into it went the most advanced methods that engineering could contribute. Structures such as the 54-story City Bank-Farmers' Trust Company, and the 50-story skyscraper of the Irving Trust Company symbolize structural development in Manhattan's financial district. The 67-story Cities Service Building with its double deck elevators brings an initial attack upon the vital problem of reducing the space wasted in elevator shafts of huge structures. The Waldorf Astoria Hotel rears its twin towers above the central Manhattan sky line—one of many great hotels which have seen completion in the past year. Meanwhile plans proceed for vast projects such as New York's radio city.

Elsewhere in the United States, structures loom skyward as evidence of progressive effort. The St. Louis merchandise mart of 22 stories, the 44-story Marshall Field building in Chicago, the Kansas City Power and Light Company structure, which is to top that city's sky line; Chicago's progress with its World Fair buildings; the Professional Building in Phoenix, Ariz., which establishes a new height for the Pacific Southwest—these are but an introduction to the record for the past year.

In the Far East, China moves forward with the construction of its new Capitol Buildings at Nanking and Peiping. China's National Library Building is opened, and at Shanghai a new mint is constructed. Toyko continues a large building program and opens a new Parliament building. In Indo-China a huge Municipal Public Market is constructed at Cholon, and public works improvements go forward which by 1939 will have cost $100,000,000.

Holland sees its first business skyscraper erected in the city of Rotterdam, and its first residential skyscraper—12 stories—erected in Amsterdam. In Lithuania, new government buildings, including a structure to house the Ministry of Justice, are completed in the capital at Kaunas. Bulgaria, in 1931, saw completion of more than 10,000 houses to care for refugees who had fled from Greece and Jugoslavia. Finland's new House of Parliament rises above surrounding buildings on the edge of Helsingfors, drawing to completion a program long held in abeyance. Montreal forms a new silhouette against the sky with a group of tall buildings, including the new Sun Life Building. Between the blue waters of Belfast and Strangford Loughs, a few miles seaward from Belfast, Northern Ireland opens its new £1,250,000 Parliament House. Lisbon, undergoing spectacular transformation, marks the "coming of age" celebration of the Portuguese Republic with the dedication of Edward VII Park. In Paris, on the site of old fortifications that once encircled the city, blocks of modern apartment houses have sprung up. In Belgrade, Jugoslavia, new ministries, a central post office, a new mint, schools, theaters, and scores of private buildings have been opened within the last two years.

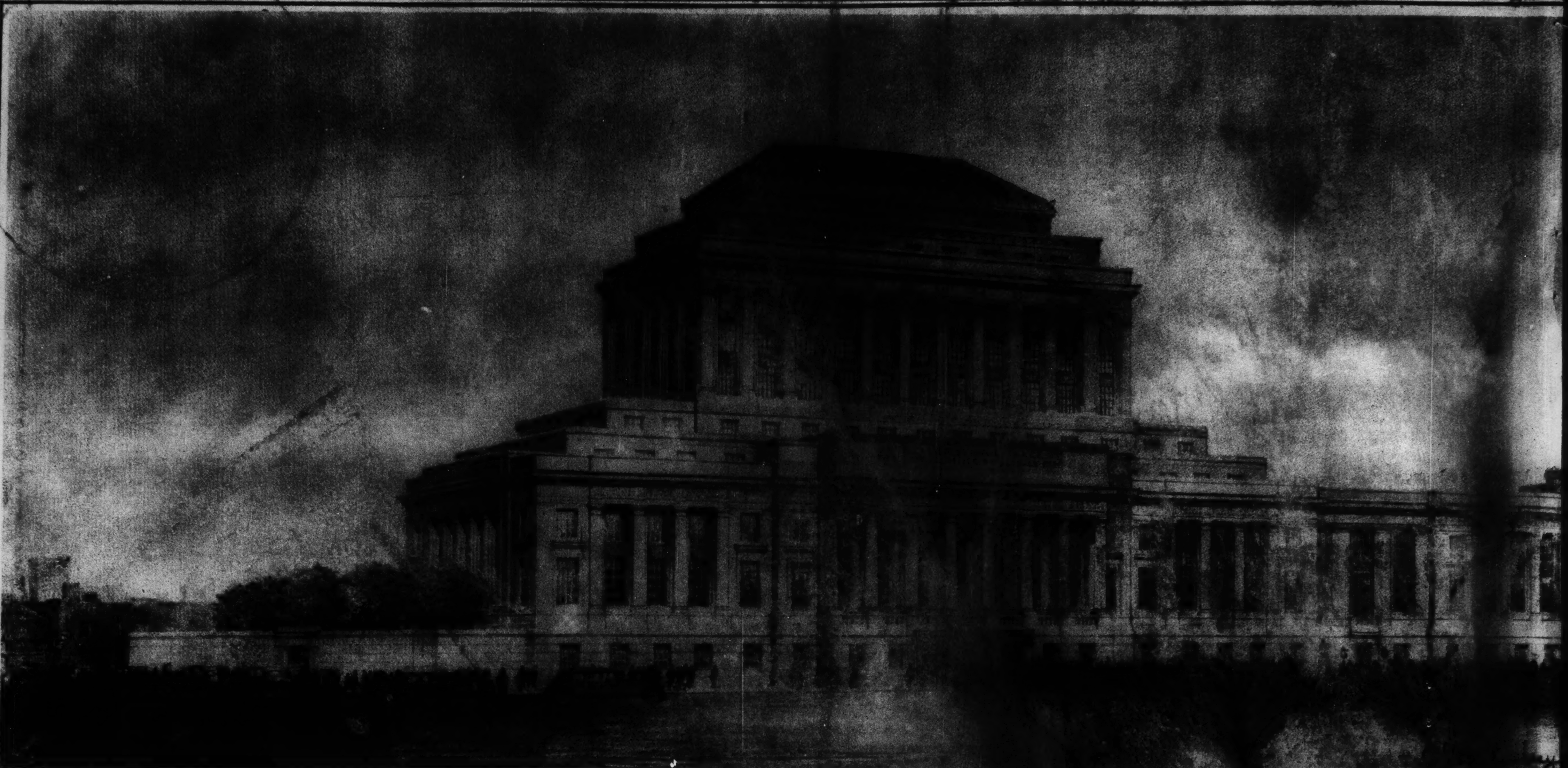
Thus, throughout the world, public and private projects moved forward—achievements not alone in masonry and concrete, but a symbolism of continued progress.

Wide World

ENGINEERS SPIN A WEB OF STEEL
Bridge building has a new colossus, the span across the Kill van Kull, connecting Port Richmond, Staten Island, with Bayonne, New Jersey. It is the longest steel arch bridge in the world.

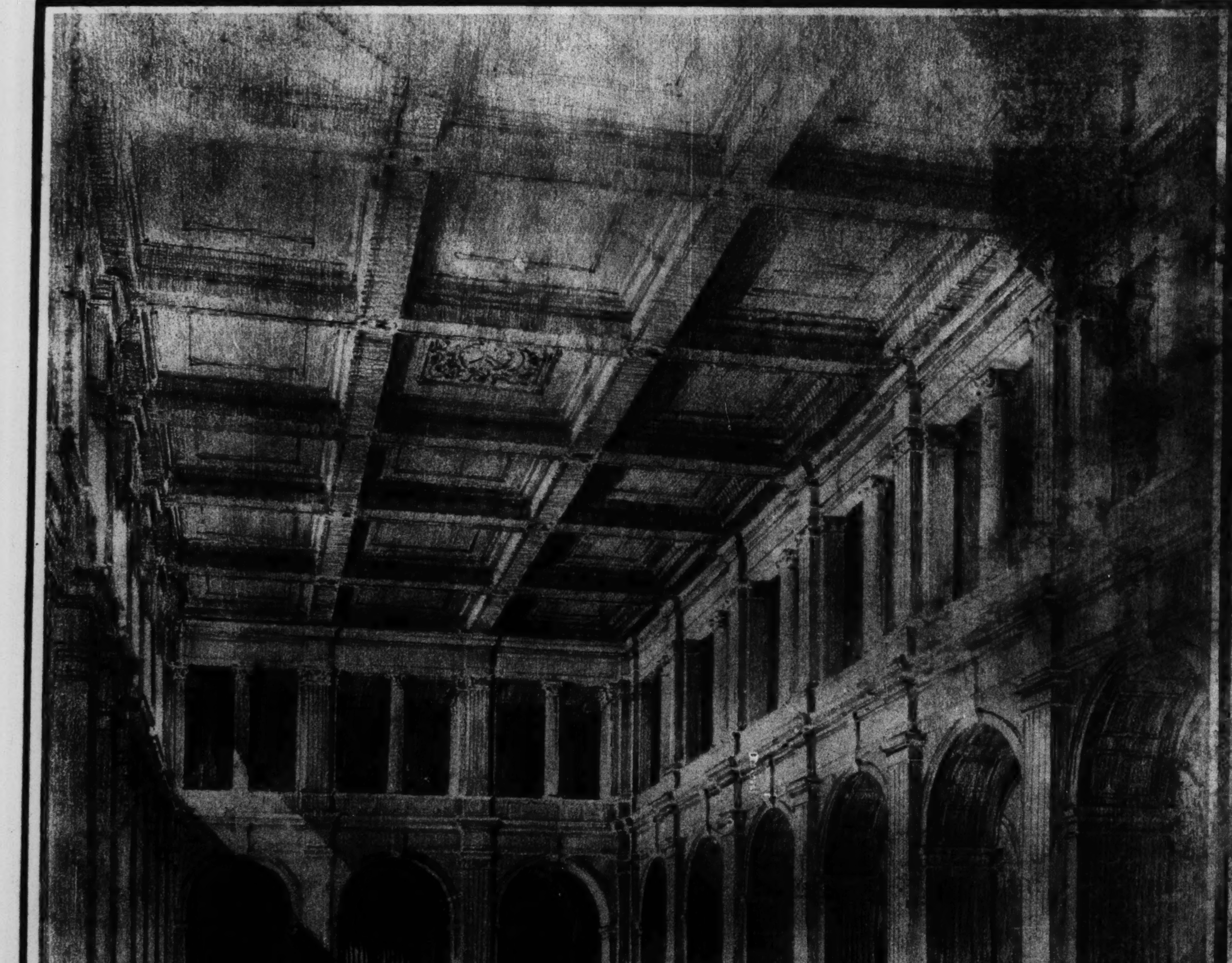
From Ewing Galloway

RECLAIMING THE ZUYDER ZEE
Holland makes progress on its great national task of reclaiming 900 square miles of land by draining its inland sea. The dyke at Den Oever is an important portion of the project. The gate in the foreground is to have a revolving bridge, and the lock beyond is for ships.



ARCHITECT'S NEW DRAWING OF BUILDING NOW UNDER [illegible] HOUSE THE CHRISTIAN SCIENCE [illegible] SOCIETY

As razing of buildings is virtually completed to make way for the new publishing house, completion of details of the design make possible a presentation of the structure in essentially final form. The new rendering emphasizes the size of the building which, with a length of [illegible] 600 feet, will exceed the ground area of what is now considered the largest office building in New England. It is believed to be the [illegible] publishing house in the world which [illegible] the iss[illegible] of a daily newspaper, monthly and weekly [illegible] and the [illegible] The schedule of [illegible] for occup[illegible]



ARCHITECT'S STUDY OF NEW PUBLISHING HOUSE LOBBY

Plans for the future home of The Christian Science Publishing Society provide a lobby approximately 10 times the size of the one in the present building. It will be situated beneath the tower and will be reached through the main doorways of the building on Norway Street. The lobby will be two stories high, extending upward through the second floor. A mezzanine floor will surround it on three sides. Reception and salesroom and the City and Display section of the Advertising Department will be reached directly from the lobby.

[illegible] House

[illegible] in the process of [illegible] est building under [illegible] Christian [illegible] The Christian [illegible] covering an area [illegible] the Park Square Building in Boston, [illegible] of New England's largest commercial office [illegible] it will be patterned, as is The Mother Church [illegible] Renaissance style.

The new [illegible] will be practically two buildings in one. The first, Building A, will have nine stories and basement, while Building B will have four stories and basement.

Entering the new building, visitors will step from the [illegible] into a large, spacious lobby, about 10 times the size of the present one, two stories high and surrounded on three sides by a mezzanine.

To the right will be the City and Display section of the Advertising Department; to the left, the Reception and Sales [illegible] room, about five time[illegible] [illegible] to this ro[illegible] [illegible] side leading [illegible]

When a visitor com[illegible] [illegible] checking [illegible] the guide w[illegible] [illegible] one approach[illegible] [illegible] floor, he will se[illegible] [illegible] a floor, h[illegible] [illegible] The Chris[illegible] [illegible] room, and [illegible] manager and the[illegible] [illegible] the seventh floor [illegible] Journal Card [illegible] Accounta[illegible] [illegible] floor below, [illegible] Christian Scien[illegible] [illegible] Passing [illegible] Circulation [illegible] files and the confere[illegible]

[illegible] the fourth floor [illegible] bindery and the shipp[illegible] [illegible] Mary Baker Eddy, [illegible] Science.

MASSACHUSETTS AV.

BOSTON [illegible]

g [illegible]

[illegible]

y [illegible]

Con[illegible]

e size of the [illegible]
will be a [illegible]
a garden [illegible] are made up.
to view [illegible] the visitor will [illegible] observation
wraps in [illegible] be seen the [illegible]
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section devot[illegible] the guide will show the [illegible]
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partment, [illegible] through the mezzanine to the [illegible]
room for [illegible] has been taken by the [illegible]
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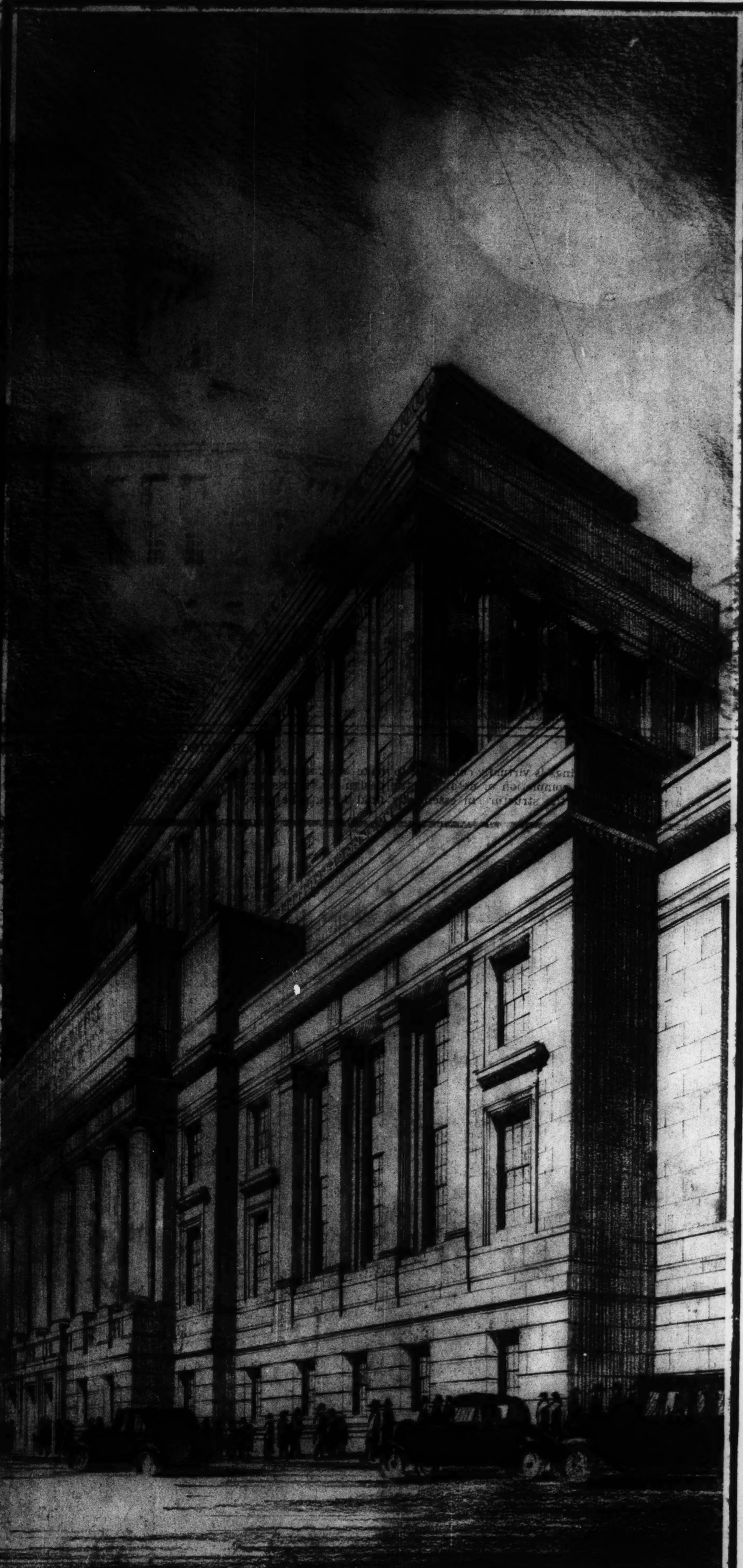
e guide will [illegible] depending upon one another [illegible]
and storing [illegible] been placed on the walls [illegible]
scoverer and [illegible] to offer suggestions which would [illegible]
[illegible] harmonious working conditions.

HUNTINGTON AV.



LOOKING DOWN UPON LOCATION OF NEW PUBLISHING HOUSE

An airplane photograph shows the relation of The Christian Science Publishing Society building to adjacent structures. The Mother Church, The First Church of Christ, Scientist, in Boston, Massachusetts, is shown in the central portion of the picture. [illegible] runs Huntington Avenue. Parallel with it and immediately in front of The Original Mother Church and the Extension runs Falmouth Street. The present publishing house is on the immediate left of the Extension. The street running down the extreme left-hand side of the picture is Massachusetts Avenue. The outlined portion of the picture shows the new publishing house site—600 feet long between Massachusetts Avenue and Falmouth Street, extending in width between Norway and Clearway Streets. Forty-seven buildings have been razed to make way for the new structure.

LOOKING UPWARD

The tower of the new building for The Christian Science Publishing Society will stand 152 feet above the level of the street. Nine stories tall, it will surmount the section of the structure commanding Massachusetts Avenue between Norway and Clearway Streets. The architect has visualized the height of the tower as it will appear to the spectator who approaches it from a point on Norway Street close to where the structures of The Original Mother Church and the Extension are joined.

Royal Canadian Air Force

WHEAT WILL FLOW THROUGH NEW PORT

Grain terminals at Prescott, Ontario, were completed in 1931 at a cost of $4,700,000 and with a capacity of [illegible] bushels. When the Welland Ship Canal is opened, grain will be able to travel from the head of the Great Lakes to Prescott, on the St. Lawrence. The channel is now being widened and deepened jointly by the United States and Canadian governments.

Royal Canadian Air Force

LINKING GREAT LAKES

Welland Ship Canal, between Lake Erie and Lake Ontario, will be officially opened next spring. Lake steamers of deepest draught, passing through the canal in about eight hours, will proceed from the head of Lake Superior to Prescott on the St. Lawrence without breaking bulk.

PHILADELPHIA REACHES SKYWARD

Tower of the Lincoln-Liberty Building, rising [illegible] feet above the [illegible] level, which houses a 22-ton bronze [illegible]. The first [illegible] floors of the new building are occupied by the John Wanamaker Company. The eighth to twenty-fourth floors are for offices.

"…[illegible]old more copies than any other book of poetry ever published in America"

Every Business Man and Woman [illegible] Enjoy This Timely Book

"There is more optimism and [illegible] crammed between the lids of this book than we have [illegible] anywhere"—*The Lookout*

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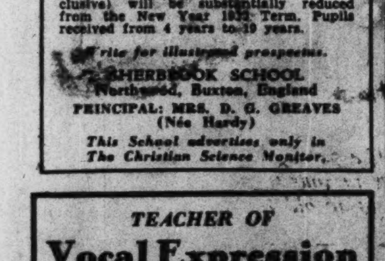

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"Perhaps you will be interested to learn that I have succeeded in selling a short story to 'War Birds,' aviation magazine, for which I received a check for $100. The story is the first I have attempted. As the story was paid for at higher than the regular rates, I certainly felt encouraged."

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NEIGHBOR

once meant "a near-by farmer"

"Neighbor" is one of those interesting words that [illegible] Anglo-Saxon days. In Anglo-Saxon, neah meant "nigh," "near," and gebur meant "dweller," "farmer." These two words were combined into neahgebur, meaning literally, "a near-by farmer." The word appears in medieval English in the form neighebour and in modern English as neighbor. Its meaning, changing with the evolution of civilization, no longer applies particularly to neighboring farmers, but refers to persons living near each other in apartment house suites or suburban cottages as well as to those on near-by farms. Even nations in the modern world are called "neighbors"—an interesting development of a word that meant literally "near-by farmers."

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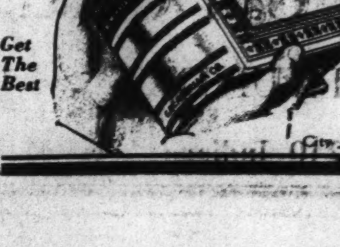

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Please send me free your booklet [illegible] prising Origins of English Words and full information about Webster's New International Dictionary.
(C.S.M. 1-[illegible])

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[illegible] COMMERCE IN [illegible]

[illegible] by 1937 in the [illegible] appropriations [illegible] Printing Office Building [illegible] The Department [illegible] in November [illegible] Government in [illegible] Commerce and Department [illegible] the Post Office Building [illegible] at $10,500,000; the building [illegible] of Justice [illegible] 000,000; the [illegible] Building [illegible] 750,000, and the [illegible]

[illegible] HARNESSES HER WATERPOWER

One of [illegible] finally completed in 193[illegible] which have been materially [illegible] water of about 500 feet.

This Geor[illegible] wall bracket is finished in antique [illegible]. Complete with silk shields, $24.

You will find here the largest display of fine lighting fixtures in New England, in charge of men highly trained in this important branch of interior decoration.

BIGELOW KENNARD & CO. INC.

[illegible] (Washington), BOSTON

The lights are always burning for you at the Fritz-Carlton. Home-[illegible] up-to-date, but not extrava[illegible]. Five minutes' walk to [illegible] Christian Science church.

[illegible] Carlton

[illegible] from Boston let us serve you at our New York Hotel. The Iroquois, [illegible]

Looking up the Mississippi from The [illegible]

[illegible] of The Principia College of [illegible], which will open September, 1932, at Elsah, Ill., extends four and a half miles long the Mississippi, with towered bluffs rising about 300 feet above the river. The property is about a mile wide, with wooded ravines gradually merging into rolling back-country. Buildings of the first unit of the College are now under construction. The Upper School and Lower School will remain on the St. Louis campus.

The PRINCIPIA

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St. Louis, Mo. Coeducational

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HUNDREDS OF PATRONS RECOMMEND US

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Here is the way women everywhere are using the new, lavender-perfumed Linit for a soft, smooth skin: they merely dissolve half a package or more of the new, fragrant Linit in the tub and bathe as usual, using their favorite soap. Then ... velvet couldn't be smoother than your skin after a Linit Beauty Bath ... This soft, satiny "feel" you enjoy comes from an invisibly thin, aromatic "layer" of Linit ... left on the skin after the bath.

The coating of fragrant Linit is evenly spread ... not in spots that it may clog the pores ... but thinly and evenly distributed over all parts of the body. And the most astonishing thing about this new, perfumed Linit Beauty Bath is not only its low cost, but that the results are immediate. You need not wait weeks for results ... instantly you sense the refreshing, fragrant difference in your skin.

Merely dissolve half a package or more of the new, perfumed LINIT *in your tub ... your bath becomes as fragrant as an old English Garden.*

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LISTEN IN ... Starting Jan. 4, 1932, every night at 8 P.M., Eastern Standard Time (except Saturday and Sunday) over the Columbia Network, LINIT features a delightfully entertaining program. Don't fail to enjoy this radio treat!

Linit *is now being offered to the drug, grocery and department store trade*

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LINIT FOR THE BATH
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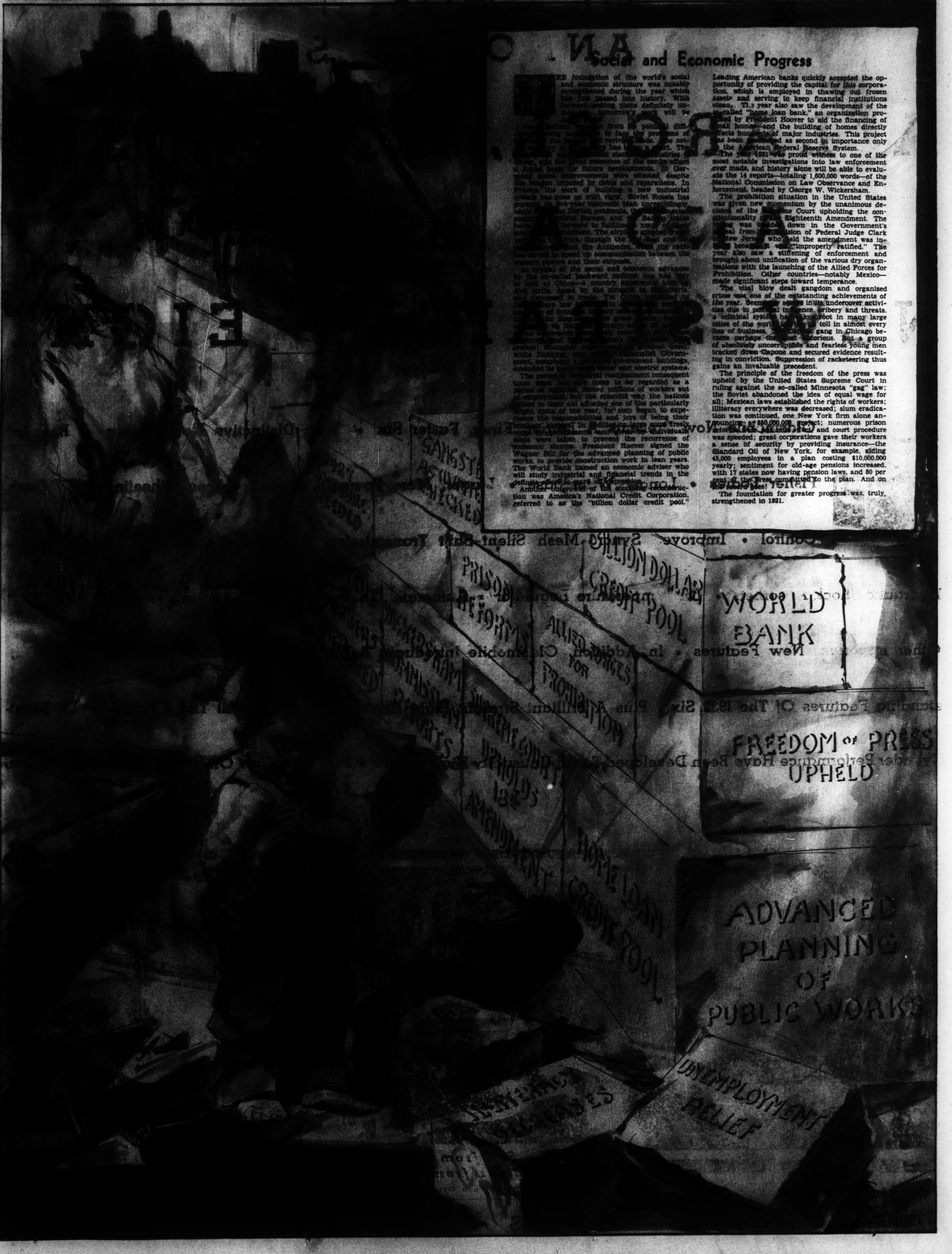
THE CHRISTIAN SCIENCE MONITOR

Boston, Massachusetts January 7, 1932


GANGSTERS ACTIVITIES CHECKED
BILLION DOLLAR CREDIT POOL
PRISON REFORMS
ALLIED FORCES FOR PROHIBITION
WICKERSHAM REPORTS
SUPREME COURT UPHOLDS 18th AMENDMENT
HOME LOAN CREDIT POOL
WORLD BANK
FREEDOM of PRESS UPHELD
ADVANCED PLANNING OF PUBLIC WORKS
UNEMPLOYMENT RELIEF

Social and Economic Progress

THE foundation of the world's social and economic structure was notably strengthened during the year which has just passed into history. With forward-looking plans definitely undertaken, tomorrow's work will be [illegible].

Great Britain emerged from its political difficulties strong and ready to face the problems of balancing the budget and reviving trade. The cotton industry in Lancashire has taken a [illegible] start. The [illegible] and electrical industries [illegible] better, and the great resources of the banks afford a sound basis for future developments. In Germany social improvements were effected, despite the burden imposed by debts and reparations. In France, the work of building a new industrial system has gone on with vigor. Soviet Russia has pursued its five-year economic plan unremittingly, while in the Iberian peninsula, the Scandinavian countries, Central Europe, and the Balkan states have [illegible] forward to fulfillment many of their schemes of betterment. The airplane speeded transportation in Africa, through the Near East and to [illegible] and the Antipodes, while the radio has served to speed up communication between the western powers and their outposts.

As typical of the social and economic advances by the so-called backward nations, one has only to look at China—a country apparently torn by civil strife, dazed by the struggle in Manchuria, and depressed in trade. Yet China instituted its first factory law [illegible] to [illegible] the workers' standard of living; a literary movement [illegible] the popular language [illegible] great [illegible]; [illegible] completed its National Library, [illegible] paved boulevards, completely renovated its palace museums and [illegible] China's [illegible] system; Shanghai experienced its greatest boom, while Nanking, seat of the Nationalist Government, completed a group of government buildings, extended its boulevards, water and electric systems.

The period of industrial readjustment consequent upon what has now come to be regarded as a period of inflation, forced millions of workers out of employment, but the splendid way the nations rallied to their aid afforded one of the particularly bright spots of the year, for men began to experience the responsibilities and joys of being their brothers' keepers. In addition to large sums freely voted by governments and given by individuals, steps were taken to prevent the recurrence of economic slumps. President Hoover signed the Wagner Bill for the advanced planning of public works, to provide construction work in lean years. The World Bank named an economic adviser who will study industrial and financial trends in the definite effort to ward off depression.

Another outgrowth of the economic reconstruction was America's National Credit Corporation, referred to as the "billion dollar credit pool." Leading American banks quickly accepted the opportunity of providing the capital for this corporation, which is employed in thawing out frozen assets and serving to keep financial institutions steady. This year also saw the development of the so-called "home loan bank," an organization proposed by President Hoover to aid the financing of small homes—and the building of homes directly affects hundreds of major industries. This project has been regarded as second in importance only to the American Federal Reserve System.

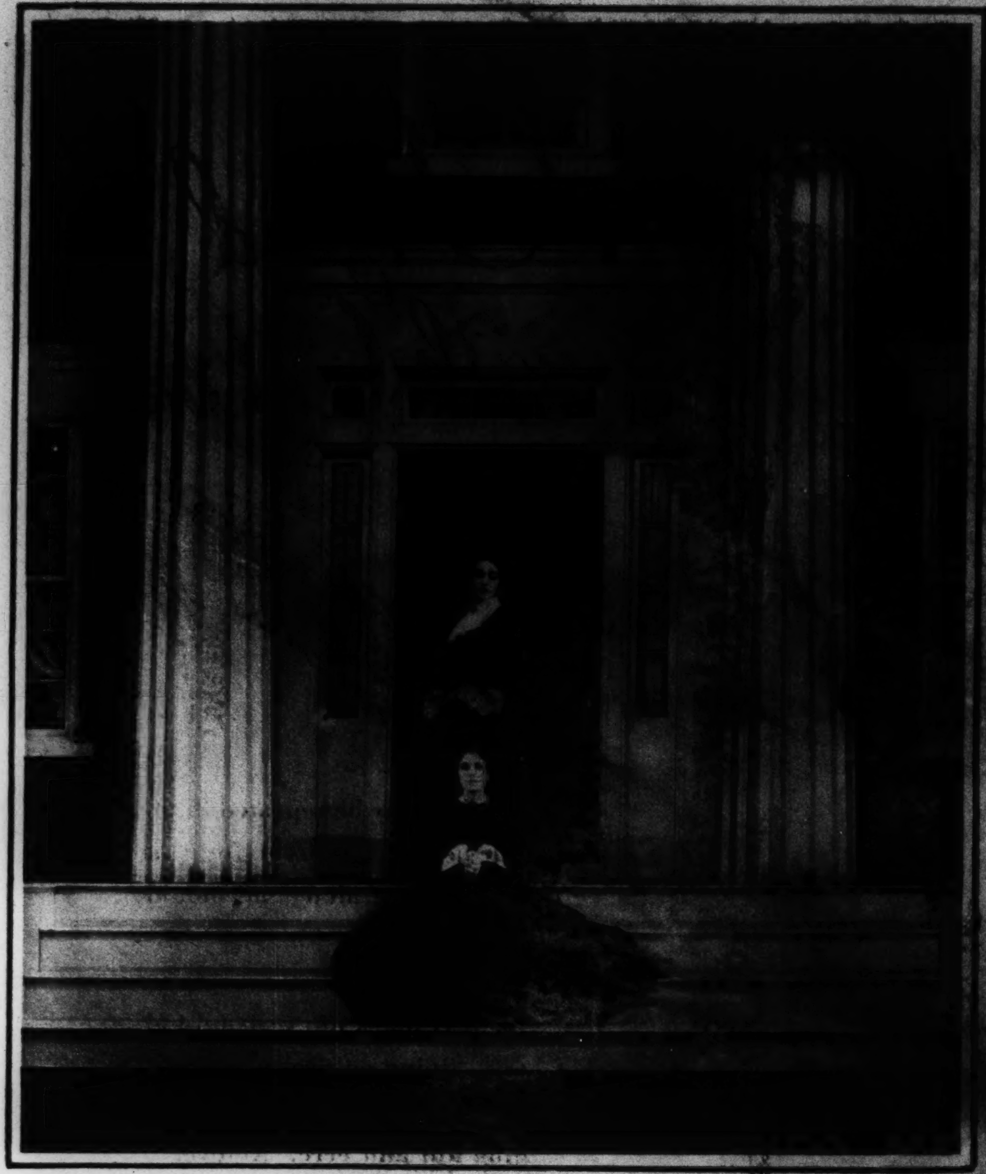
The year 1931 was proud witness to one of the most notable investigations into law enforcement ever made, and history alone will be able to evaluate the 14 reports—totaling 1,600,000 words—of the National Commission on Law Observance and Enforcement, headed by George W. Wickersham.

The prohibition situation in the United States was given new momentum by the unanimous decision of the Supreme Court upholding the constitutionality of the Eighteenth Amendment. The ruling was handed down in the Government's appeal from the decision of Federal Judge Clark of New Jersey, who held the amendment was invalid because it was "improperly ratified." The year also saw a stiffening of enforcement and brought about unification of the various dry organizations with the launching of the Allied Forces for Prohibition. Other countries—notably Mexico—made significant steps toward temperance.

The vital blow dealt gangdom and organized crime was one of the outstanding achievements of the year. Seemingly secure in its undercover activities due to political influence, bribery and threats, a criminal system has taken root in many large cities of the world, levying its toll in almost every line of business. The Capone gang in Chicago became perhaps the most notorious. But a group of absolutely uncorruptible and fearless young men tracked down Capone and secured evidence resulting in conviction. Suppression of racketeering thus gains an invaluable precedent.

The principle of the freedom of the press was upheld by the United States Supreme Court in ruling against the so-called Minnesota "gag" law; the Soviet abandoned the idea of equal wage for all; Mexican laws established the rights of workers; illiteracy everywhere was decreased; slum eradication was continued, one New York firm alone announcing a $50,000,000 project; numerous prison reforms were put into effect and court procedure was speeded; great corporations gave their workers a sense of security by providing insurance—the Standard Oil of New York, for example, aiding 45,000 employees in a plan costing $10,000,000 yearly; sentiment for old-age pensions increased, with 17 states now having pension laws, and 80 per cent of the press committed to the plan. And on the record goes!

The foundation for greater progress was, truly, strengthened in 1931.



Photograph by Vandamm Studio, New York

SETTING FOR EUGENE O'NEILL'S TRILOGY, "MOURNING BECOMES ELECTRA," as presented by the New York Theater Guild. The scene represents the facade of the New England mansion where most of the action of the plays takes place, with the Greek columns relating the plays visually to the Agamemnon saga, after which it is patterned. The actresses shown are Miss Alice Brady as Lavinia (seated) and Mme. Alla Nazimova as Christine.

EXPONENTS OF MODERN MUSIC [illegible] last summer. Reading around the outer circle of the table, beginning at the left, the representatives are: Messrs. H. Closson (Belgium), Imre Waldbauer (Hungary), Erich Steinhard (Czechoslovakia), H. Tiessen (Germany), H. Springer (Germany), L. Dunton Green (England), Edwin Evans (England), Edward Dent (president of the conference), Alfredo Casella (Italy), Mario Labroca (Italy), Aaron Copland (U. S. A.), Frederick Jacobi (U. S. A.), Mateusz Glinski (Poland), Henri Prunières (France), Werner Reinhart (Switzerland), and Ernst Isler (Switzerland). Inner circle, from left, Messrs. Don Alfonso Salazar (Spain), Paul Sanders (Holland), Paul Stefan (Austria), Alois Hába (Czechoslovakia), W. H. Kerridge (former secretary of the International Society for Contemporary Music).

THE graphic arts and dramatic entertainment have made notable strides during the last two years.

Vienna has maintained its leadership in operetta, with Franz Lahár composing "Das Land des Lächelns," which, under the title of "The Land of Smiles," with Mr. Richard Tauber in the leading rôle, had a marked London success in 1931. During the year Franz Werfel has completed a novel, "Die Geschwister von Neapel," and a drama, "Des Reich Gottes im Böhmen," a remarkable picture of Hussite times.

Mural painting in the United States has taken on impetus during 1931 with the widespread growth of public appreciation of the decorations in public and semipublic buildings. Fifteen panels by the Spanish master, Señor José Maria Sert, based on an incident in "Don Quixote," were installed in the recently completed Waldorf Astoria Hotel in New York. Señor José Clemente Crozco has brought the modern Mexican fresco movement to New York for the transformation of several walls of the New School of Social Research, following his completion of a "Prometheus" mural for Pomona College, California. These are merely typical of accomplishments in murals in numerous localities.

Museums have expanded their activities in Baltimore, Cincinnati, Denver, Omaha, and many other cities. The Whitney Museum of American Art has been opened in New York, and shortly the Museum of the City of New York is to occupy its new home in the Colonial style on Fifth Avenue.

International art exhibitions, marked by the lending of treasured canvases and objects of art between nations have included the Byzantine art show in Paris, the "Century of Belgian Art" exhibit in Amsterdam, and the Persian exhibition in London.

"The Barretts of Wimpole Street," a dramatization of the Brownings' romance, written by Mr. Rudolph Besier, has run for many months in England, the United States and Canada. Mr. Eugene O'Neill has gone back to the classic Greek drama for the theme and form of the trilogy, "Mourning Becomes Electra," which promises to follow other plays of his around the world. London imported a popular spectacular drama from Austria, "The White Horse Inn," and a strong drama based on English history, "Elizabeth of England," by Ferdinand Bruckner, from Germany. In the United States the modern morality play by Mr. Marc Connelly, "The Green Pastures," has continued its run in New York and Chicago, and will soon appear elsewhere in America and Europe.

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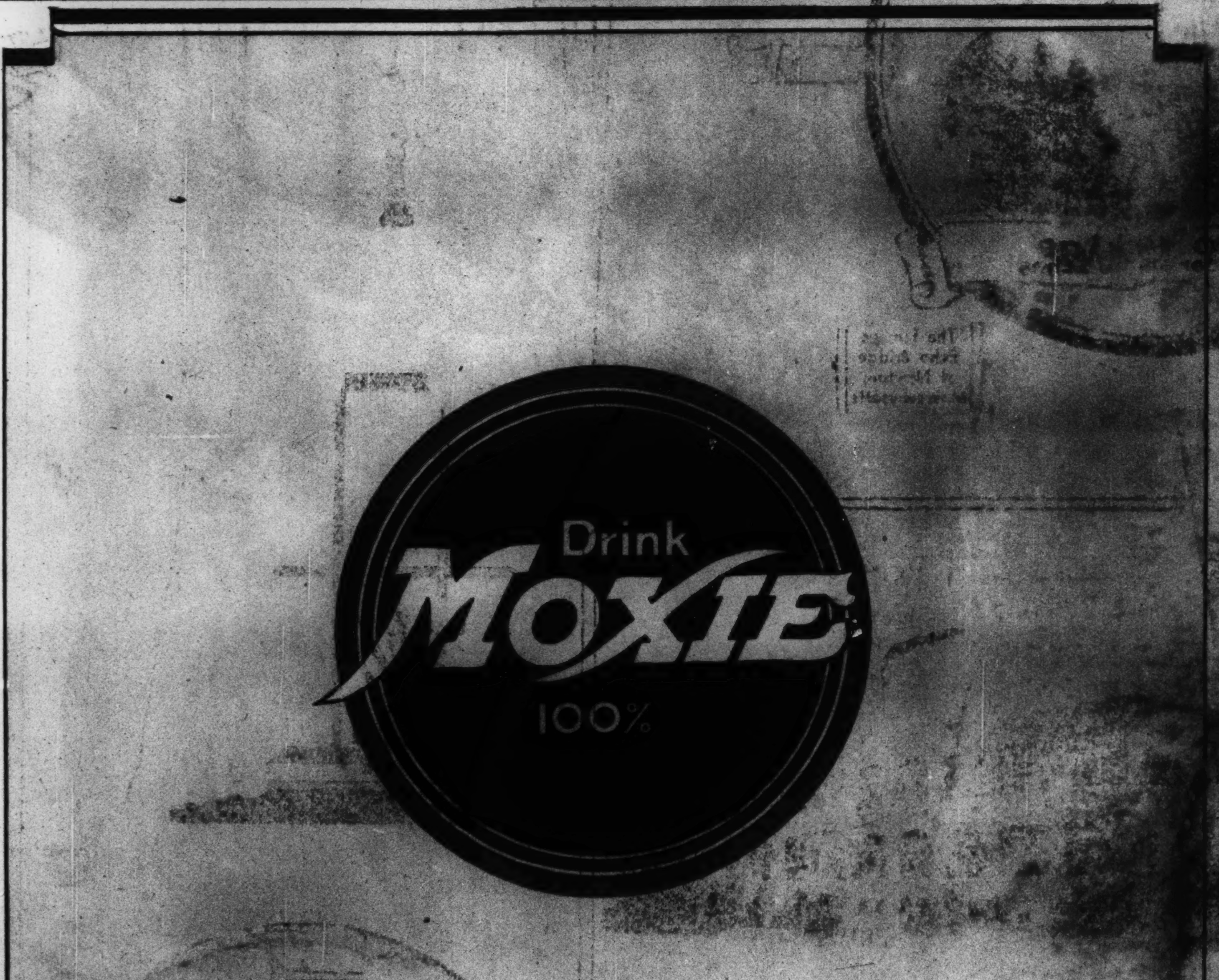

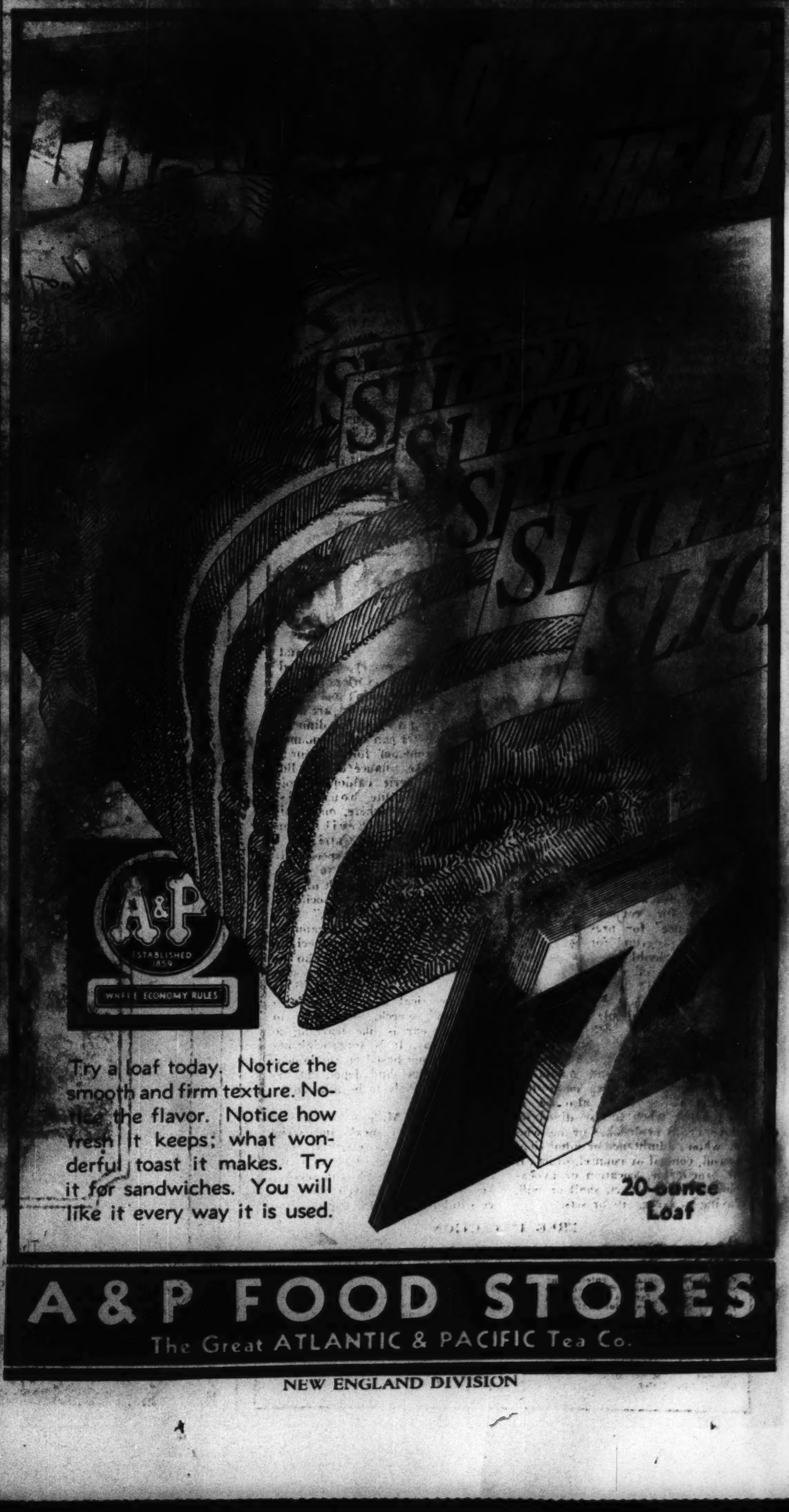

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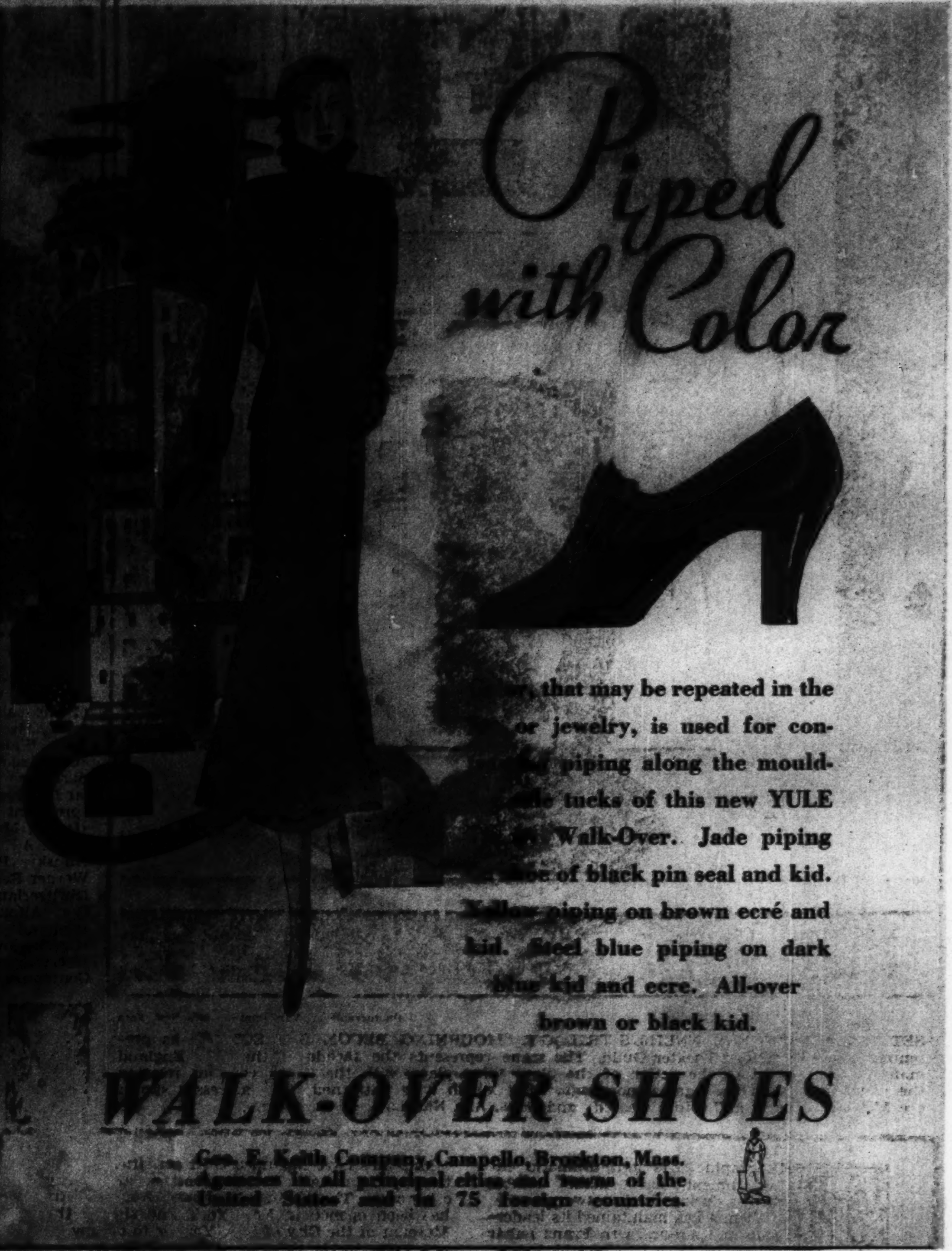
As Kathryn [illegible] in her [illegible] Wives of [illegible] most ambitious of [illegible] Avon Theater in New York [illegible] of the English Mon[illegible] their surroundings and their [illegible] extraordinary [illegible] the cutlass and public [illegible]

[illegible] new Waldorf Astoria Hotel [illegible] panels, recently [illegible] in [illegible] This is [illegible] a number of [illegible] mural paint[illegible] the United States, [illegible] Clemente [illegible] for [illegible] California, and the [illegible] School of [illegible]

THE WILLIAM ROCKHILL NELSON GALLERY OF ART

One of [illegible] in Kansas City [illegible] exterior of the [illegible] some weeks of [illegible] and the panel carving [illegible] to be added. The interior of the building [illegible] will be finished early [illegible]

ROBERT [illegible] the artistic [illegible] of the western world for the last two [illegible] might have been supposed that in a period of so-called depression [illegible] musical and theatrical performances would [illegible] put [illegible] luxuries. [illegible] this has not been the case [illegible] after the higher forms of art [illegible]



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[illegible], that may be repeated in the [illegible] or jewelry, is used for con[illegible] piping along the mould[illegible] tucks of this new YULE [illegible] Walk-Over. Jade piping [illegible] of black pin seal and kid. Yellow piping on brown ecré and kid. Steel blue piping on dark blue kid and ecre. All-over brown or black kid.

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[illegible] speech is [illegible] to igno[illegible] of it is [illegible] association [illegible]," says Miss Miller. "Grammar is not difficult, especially to the adult who is trained to reason, and it is not dry when it is made practical by applying it to every-day speech. Learning to speak by ear is like learning to play by ear. It is superficial because it is not based on fundamental knowledge, and dependent because it is likely to be affected by association."

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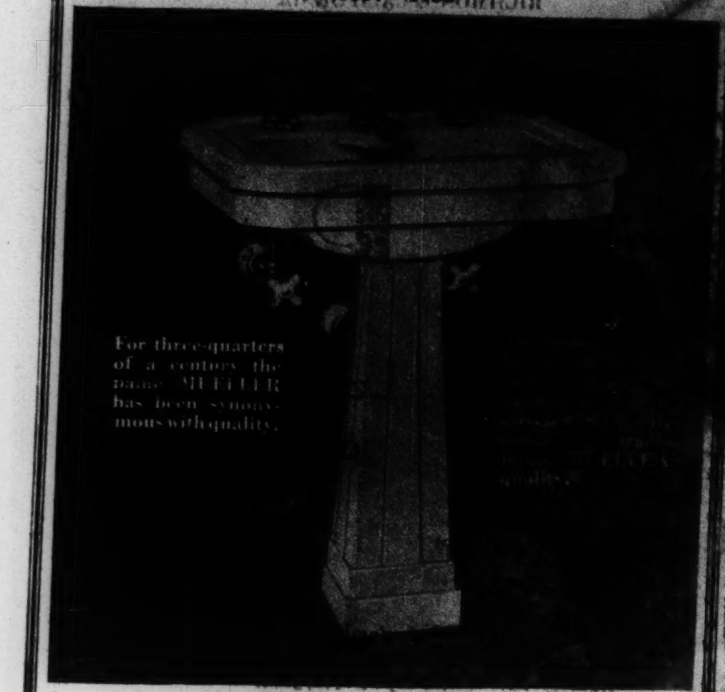

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Remarkable progress has been made in [illegible] for popular education. In what was [illegible] practically all children are now reported in schools. Official figures [illegible] 30,000,000 in schools in 19[illegible] compared with [illegible] hundreds of thousands of adults are being taught in [illegible] and write.

E D U C A

[illegible] STORIES OF NEW HIGH SCHOOL IN SLOVAKIA

A steadily increasing budget figure for education and school building has been the feature of [illegible]'s educational policy in the past two years. And for 1932 the estimated [illegible] is 22,000,000 Czechoslovak crowns more than in 1931. One of the [illegible] of the many institutions completed in 1931 was the new residential [illegible] "Internat" in Bratislava, capital of Slovakia.

One of b[illegible] HOUS[illegible]
pioneer pr[illegible] at new [illegible] $1,260,000

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[illegible] MAIN BUILDING, SOFIA UNIVERSITY

Bulgaria's [illegible] University is carrying [illegible] building program. The new central building is considered [illegible] most important [illegible] architecture [illegible] Balkans.

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[illegible] AIRPLANE U[illegible]
[illegible] UNIVERSITY E[illegible]

During last year [illegible] New York Univer[illegible] of Education h[illegible] plane to transpo[illegible] [illegible] to towns [illegible] [illegible] miles distan[illegible] [illegible]ability of pu[illegible] [illegible] of plan[illegible] [illegible] demand of c[illegible] [illegible]. Picture [illegible] John W. Withers [illegible] [illegible] that "tak[illegible] to the students [illegible] the airplane [illegible] courses are th[illegible] those charged fo[illegible] of the university [illegible] four teachers [illegible] on one trip and [illegible] expense.

[illegible] high schoo[illegible] [illegible] of this is[illegible] [illegible] and 700 [illegible] some 40 state[illegible] [illegible] attend the [illegible] where a [illegible] kindergar[illegible]

[illegible] in ed[illegible] [illegible] not easily [illegible] year, at [illegible] [illegible] been al[illegible] [illegible], some [illegible] $1,000,000 [illegible] [illegible] there h[illegible] [illegible]. But t[illegible] [illegible] taken [illegible] and [illegible] the sch[illegible] their [illegible] earnings and posses[illegible]

[illegible] awakenin[illegible] the economic and social situation, [illegible] demand[illegible] The times have simply [illegible] women [illegible] education is the first an[illegible] in their [illegible] that idealism [illegible]

High [illegible] two years, [illegible]

Increas[illegible] the teachi[illegible] [illegible]ing of the [illegible] individual develop[illegible]

The [illegible] honor cours[illegible] [illegible]torial and [illegible] at a half [illegible]

Greater [illegible] the part of [illegible] [illegible] and [illegible] affairs—and [illegible] their student[illegible]

Further [illegible] community [illegible] university.

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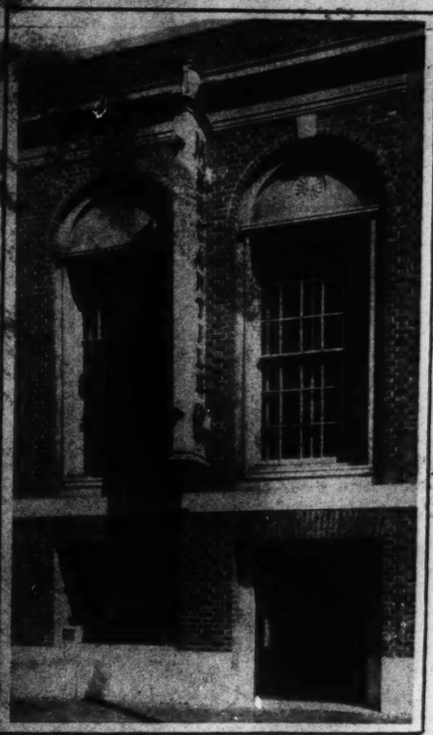

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[illegible] to find what the Bible [illegible] subject, where do you go [illegible] a concordance? If so [illegible] some of the most illumin[illegible] bearing on the subject—the "hid[illegible]" verses [illegible] which do not contain the subject-word and hence cannot be located by means of a concor[illegible]

Take the subject of "Prayer," for instance. Are [illegible] subject in the entire Bible than the following?

"The Lord is nigh unto all them that call upon him, to all [illegible] Psalm 145: 18).
"Ask, and it shall be given you; seek and ye shall find; knock, [illegible] one that asketh receiveth; and he that seeketh findeth [illegible] thew 7:7, 8).

Yet the word "Prayer" does not appear in a single one of these [illegible] other subjects dealt with in the Bible. Ofttimes the verses of the [illegible] for Biblical guidance, are literally *hidden* [illegible] any but the most up-to-date system. Can you afford to risk over[illegible] quated methods in your study of the Bible?

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[illegible] facility [illegible] affec- [illegible] This [illegible] on

UNIVERSITY EXTENS[illegible]

[In]dustrial executives taking course provi[illegible] Univ[illegible] [the]re have been substantial increases in [illegible] edu[illegible]

Savoy Hill, W. C. 2

EDUCATION BY RADIO

The British Broadcasting Corporation's "five-year plan" for adult education by radio has made notable strides during 1931. More than 1000 listening groups of adults tune in daily to the programs from London, while thousands of schools are receiving daily tuition by wireless, music training being a feature of the classes.

COLLEGE building plans of 1931 involved an expenditure of $62,500,000, as against $52,000,000 and $24,000,000 in 1930 and 1929.

Enrollment in regular high schools and in vocational schools has had a marked increase. Reports from numerous high schools reveal an unprecedented number of post-graduate students. This aids in keeping down unemployment.

Spain is building a new university city to house and expand the present University of Madrid. Decided progress has been made in the elementary and secondary schools of Hungary.

Completion of the headquarters building in Washington, D. C., last April, of the National Education Association, was made possible by the payment of 1200 or more life memberships, many of which were from teachers with low salaries. The building is evidence of the devotion of teachers to their profession, and signifies the importance attained by the N. E. A. Dedication of Cleveland's public school $2,500,000 headquarters in November is indicative of a trend to provide school committees with suitable offices.

The International House under construction near the University of Chicago to promote international friendships among students of all nationalities attending colleges in Chicago is typical of much that is going on in this field. Swedish House was added this year to the colony of residential centers provided by various nations at University City, Paris, for their students.

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Ernest Smith, Cr. Glenferrie &
Riv[illegible] Rds., Glenferrie
F. D. Winslow, 344 Burke Rd.,
Camberwell
Cane & Walker, 79 Glenhuntly Rd.,
Elsternwick
W. R. Nicholls, 331 Glenhuntly Rd.,
Elsternwick
J. Simmons, 287 Bay St., No. Brighton

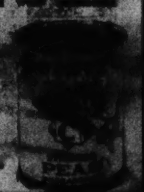
2D. PER COPY

31[illegible] COLLINS ST. MELBOURNE F4471

Growth
and Progress

THE distribution of the Gerber Strained Vegetable Products for infant feeding has grown steadily throughout 1931. The Gerber Department of Education and Nutrition has [illegible] its activities in the interest of [illegible] New equipment has been [illegible] the factory. New transportation [illegible] has been purchased [illegible] ways. New buildings [illegible] both factory and [illegible] continued to grow [illegible] organization has been [illegible] vide for the [illegible] tails [illegible] work of an [illegible] larger sales [illegible] The [illegible] recognition for the Gerber Products is being rigidly maintained [illegible] standards.

[illegible] Storms, Ph.D. [illegible] contains [illegible] suggestions for training baby's mealtime habits in a happy, natural manner.



Gerber's

STRAINED VEGETABLES

Lillian B. [illegible]

Name..............................

Address..............................

SPINET GRAND

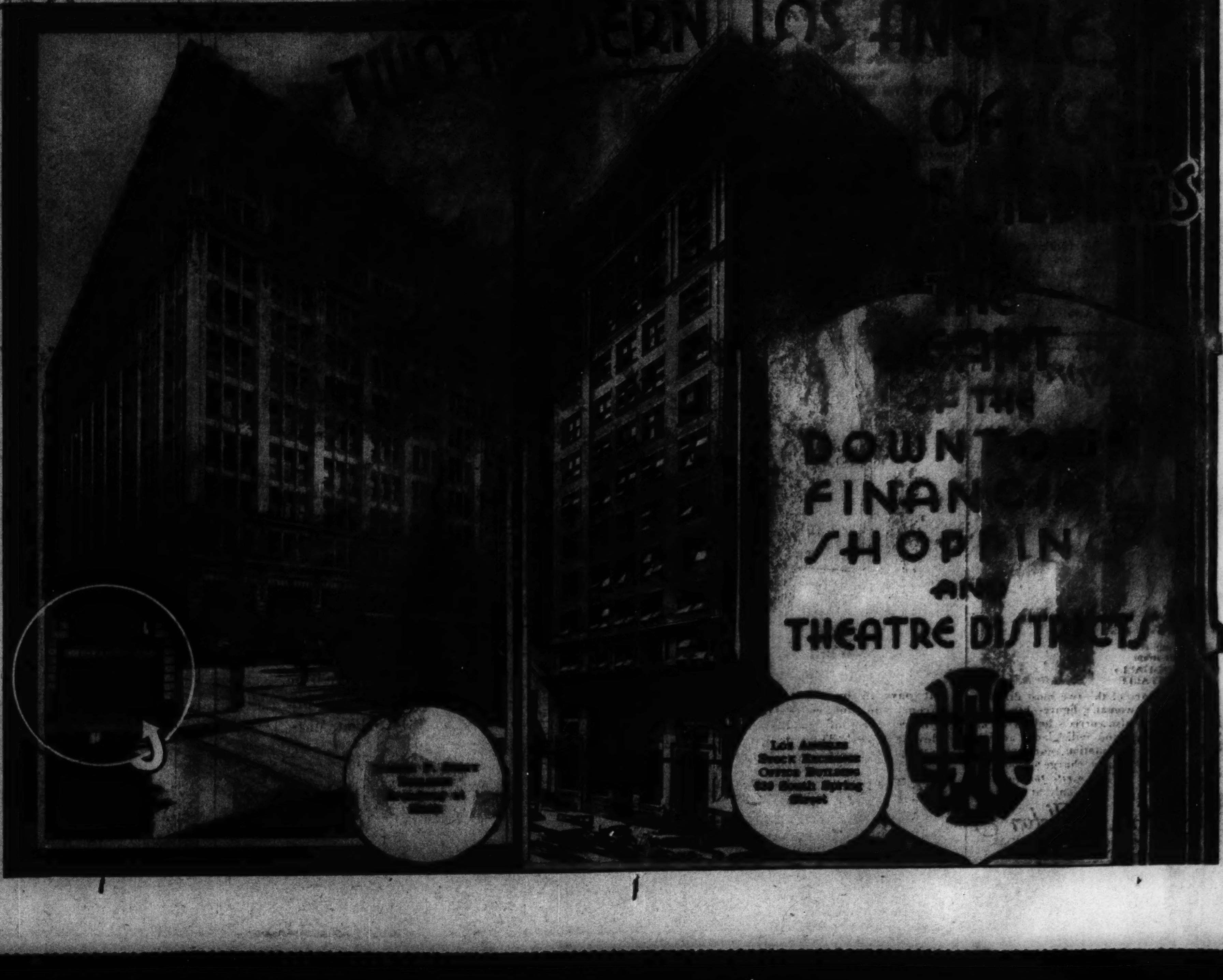
Delights the eye; pleases the ear.

Priced reasonably.

Booklet on request.

[illegible] EAST 39TH ST. . . . NEW YORK

[illegible]ETINGS FROM
[illegible] GRAUMAN'S [illegible] THEATRE
HOLL[illegible]



SETTING BY ROBERT EDMOND JONES

[illegible] a scene in "Wozzeck," Alban Berg's revolutionary opera, as presented by the Philadelphia Grand Opera Company, for the first time in America, at the Metropolitan Opera House, Philadelphia, in March, 1931. The performance was repeated last fall in Philadelphia and New York. All [illegible] were under the direction of Leopold Stokowski, with the Philadelphia Orchestra accompanying.

YOU ARE CORDIALLY INVITED

[illegible] world travelers describe as "the most unusual [illegible] whole world" . . . 11 departments, each a [illegible] complete in itself . . . featuring fine foods, toiletries, [illegible], housewares, delicatessen goods, fresh fruits and [illegible], meats and poultry, bakery goods, beverages, California gifts, catering . . . set in a colorful symphony of Pompeian art, antique mosaics, fine marble and oriental frescoes. [illegible] for our illustrated catalog.

[illegible] . . . *charge accounts* . . . *Dunkirk 2201*

Young's Market Company

1610 W. Seventh Street Los Angeles, California

The great craftsmen are still at work creating beautiful dinnerware and glass. If you take pride in fine table appointments we invite you to visit our newest [illegible] services.

[illegible] Adams Avenue
DETROIT

[illegible] California [illegible]

[illegible] "A year's trip to California for $3.00!"

[illegible] to any address in the World.

—it Costs No More

[illegible] THE

JORDAN MARSH COMPANY NAME

JUSTICE TO ALL

on all your merchandise as a symbol OF

Excellence AND Quality

Boston, Mass.

[illegible] LOWEST PRICES [illegible] YEARS

DON'T MISS [illegible] White Sales! You can get Pequot [illegible] at a *bargain!* [illegible] preferred [illegible] housewives [illegible] you'll be *proud* of [illegible] Pequot [illegible] and pillow cases. Pequot Mills, Salem, Mass.

PEQUOT SHEETS AND PILLOW CASES

[illegible] INDIVIDUALLY ADJUSTABLE

[illegible] care of the two most difficult [illegible] of a woman's figure—hips and diaphragm—also corrects hollow back. Madame Alston will gladly advise the correct foundation garment for your figure without charge or obligation to buy. *Call or write for booklet.* "[illegible]" for sale only at salon of

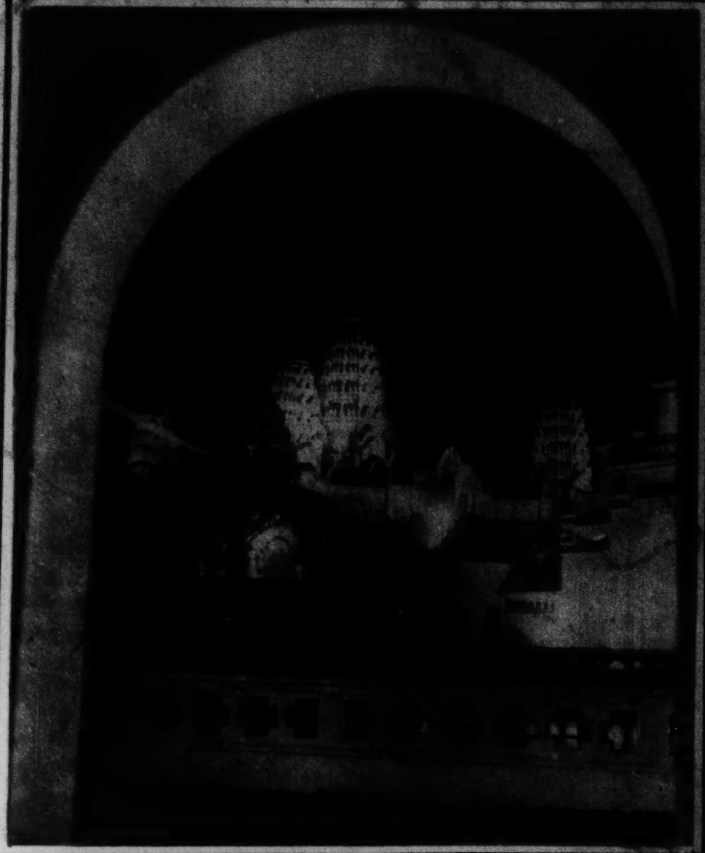
Madame Alston

[illegible] West 34th Street NEW YORK
Telephone Wisconsin 7-3878

It pays to buy furs direct from the makers — then you're *sure* of quality at lowest prices! This exquisite Silver Fox Scarf comes from

The Rollins Co

36 West Adams
DETROIT, MICHIGAN



Henri Manuel

SYMBOLS OF A VAST EMPIRE

The International Colonial Exhibition, held in Paris in 1931, brought more than 32,000,000 visitors within its gates. Beautiful structures representing French, Dutch, Belgian, Italian, American and Portuguese colonies in all parts of the world contributed to the colorful architectural groups which focused attention upon "great enterprises overseas." The picture shows the Cambodian reproduction of the "Angkor-Wat."

CHICAGO BUILDS FOR 1933

East entrance to the cable-suspended Railroad Dome of the Travel and Transport Building of A Century of Progress—Chicago's 1933 World's Fair. Four of the steel towers, from the tops of which the supporting cables run like the threads of some giant spider web, are seen. The dome is 125 feet high and 200 feet across and is said to inclose the largest unobstructed area ever placed beneath a roof. It involves the application to architecture of the principle of support used in the suspension bridge

A PALACE RESTORED

Charms of the 1915 Panama Pacific Exposition are being returned to San Francisco with the $500,000 restoration of the Palace of Fine Arts building with its huge exhibition hall 900 by 170 feet. The Park Commission has not yet decided what use is to be made of the restored structure, but is also restoring the lagoon which flanks the building and laying out lawns and shrubbery. The structure and surroundings form a part of the San Francisco park system.

Under the direction of [illegible] T. Emerson
Phone: Butterfield 8-[illegible]

The only hotel in New York where you can rent apartments with kitchens by the day, month or year, furnished or unfurnished, with full hotel service or with none at all.

The Croydon
12 EAST 86th ST. [illegible] NEW YORK

ADDITIONAL INCOME From Your OLD GOLD

Put Your Old Gold, Platinum, Silver and Jewelry to some useful purpose.

We will give you generous value.

Surely you must at one time or another happened upon antiquated or broken pieces of precious metal. You then wonder naturally where you can conveniently and inconspicuously dispose of them.

Send anything you have. Old gold watch cases, chains, beads, rings, pins and jewelry of all sorts both filled and solid. Also dental plates, crowns and bridges. Solid silver of every description and all metals of the platinum group. Gold and silver spectacle frames, etc., etc. In fact we purchase anything of a precious metal nature except silver plated ware.

Old solid gold watch cases often bring as high as $35.00.

We will [illegible] notify you of its [illegible] value and await your acceptance. Check will be promptly mailed or material returned as desired.

References: Any bank or dentist, anywhere.

Please cut out this advertisement and send to a friend.

THE J. M. NEY COMPANY
ESTABLISHED [illegible] YEARS
[illegible] U. S. A.

A New Radio Cabinet

Made in Curly Maple, Mellow Mahogany and Antique Green Enamel, Hand Decorated. Beautiful in proportion and marvelous in finish. A [illegible] piece of furniture.

Sold with or without equipment.
Illustrated folder sent on request.
Wholesale and Retail.

THE CHEESEWRIGHT STUDIOS, INC.
DECORATORS & FURNISHERS
PASADENA
[illegible] BARBARA [illegible]

FOR SERVICE RENDERED

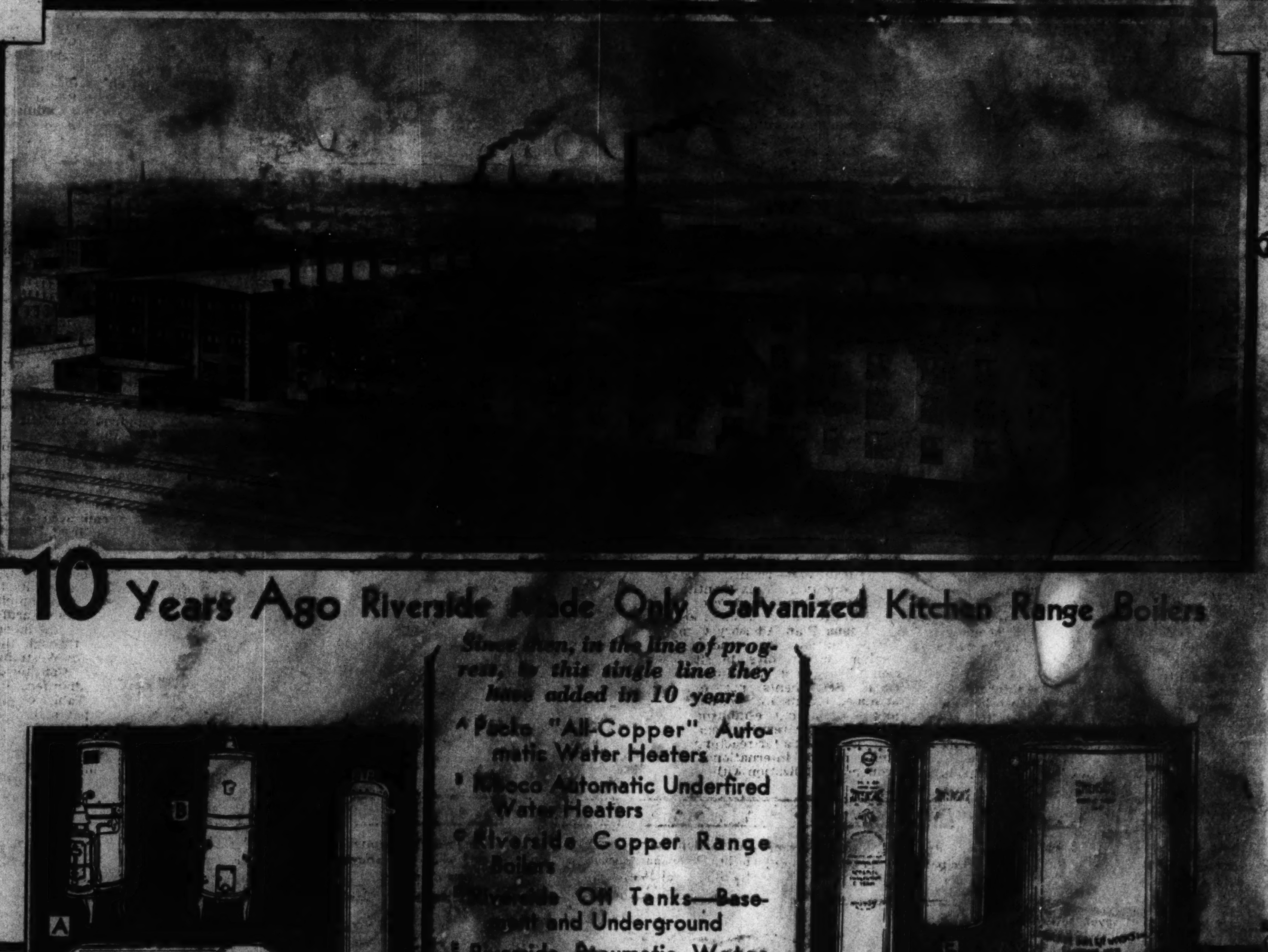
The steadily increasing acceptance and preference for Fruehauf Trailers among American business men are based on Fruehauf performance — on service rendered. The actual experience of thousands of transportation men has definitely established the fact that, whatever business conditions may be, Fruehauf Trailers not only increase the efficiency of any haulage set-up but, at the same time, reduce costs below those possible with any other means of transportation.

A little booklet—"Engineered Transportation"—has been prepared describing the Fruehauf Trailer idea and some of its applications, giving tangible engineering data and actual cost comparison figures on Trailer and straight Motor Truck operation. It is interesting and, we believe, helpful. May we send you a copy?

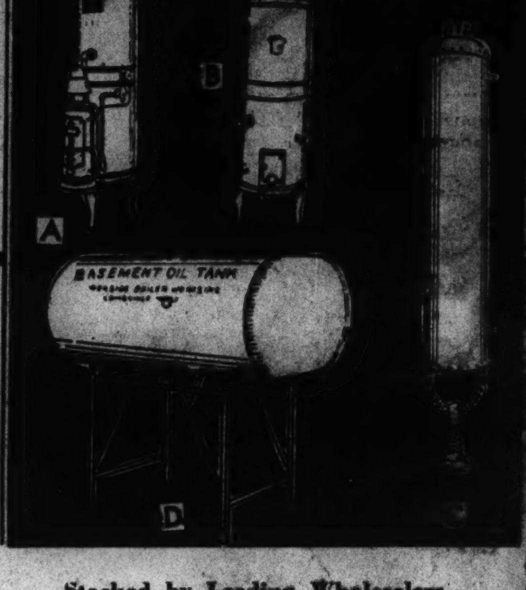
FRUEHAUF TRAILER COMPANY
10946 Harper Avenue Detroit, Michigan

Semi-Trailers, 4-Wheel Trailers, Adjustable Pole Trailers, Heavy Duty Carryalls

FRUEHAUF TRAILERS
"Engineered Transportation"



10 Years Ago Riverside Made Only Galvanized Kitchen Range Boilers



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Since then, in the line of progress, to this single line they have added in 10 years

- A Packo "All-Copper" Automatic Water Heaters
- B [illegible] Automatic Underfired Water Heaters
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Giving the American Home Owner a full line of tanks to meet all the needs of the Home.

CIRCULARS ON REQUEST

For Prices Installed See Your Local Master Plumbing Contractor

From a Local to a National Business with a broad line of High Quality Steel and Copper Tanks.

RIVERSIDE BOILER WORKS, INC.
CAMBRIDGE, MASSACHUSETTS

ART GRAVURE CORPORATION, NEW YORK, N. Y., CHICAGO, ILL. AND CLEVELAND, O.

World Achievement Section—Part III

THE CHRISTIAN SCIENCE MONITOR

Boston, Massachusetts January 7, 1932

N[illegible] of the a[illegible] surveying the year of 1931 finds a dual record of achievement. T[illegible] advances have been made along the highway of internationalism [illegible] the goal of peace. Governments have marched forward [illegible] more liberal administration and greater stability. But behind these visible accomplishments there also is the unseen [illegible]—vast difficulties overcome—victories against retrogression—the heroic [illegible] of nations making common cause to solve the problems of economic rehabilitation.

The peoples of the world have strengthened the hand of statesmen who are writing new chapters of international coöperation. The great powers prepare to send their leading diplomatists to the World Conference on Disarmament [illegible] Progress [illegible] in armament [illegible] stand [illegible] upon as [illegible] nations. [illegible] with the League in the [illegible] dispute is accepted as an [illegible] ascendancy of international [illegible] of peace. [illegible] States at the League Council [illegible] was hailed as the beginning [illegible] in internationalism.

Through the [illegible] 18 nations became signat[illegible] the General Act for Pacific Settlement [illegible]. The first world-wide anti-narcotic [illegible] was signed, after extended [illegible] toward [illegible]. The scope of the League Assembly was enlarged [illegible] of Mexico [illegible] membership.

The League of Nations Commission for Coordination of Europe's Economic A[illegible] 1931 after the project of a united Europe out of the [illegible] of theoretical speculation. Despite political difficulties the need of economic [illegible] Europe is being [illegible] gain [illegible] support. The Economic Committee [illegible] Council [illegible] initiated a study of the general economic crisis, believing it in part [illegible] resulting from world-wide conditions.

The moratorium on war debts [illegible] what [illegible] economic catastrophe of world dimension. Seven major nations participated in the commercial debt conference following the moratorium announcement. The [illegible] report [illegible] a blue print of Germany's economic condition. A six months' extension of short-term credits was arranged for Germany, and the Young Plan Advisory Committee initiated a study of further steps to solve the situation. The Bank for International Settlements not only arranged credits for Germany and Austria, but established [illegible] revising reparations, [illegible] a far-reaching step toward international [illegible] economic stabilization with [illegible] the appointment of a special adviser to aid the prevention of national financial crises.

The World Court revised its own statutes, appointed a new set of judges, and took under consideration important international questions. Most significant of all was the decision against the Austro-German Customs Union, submission of which to the World Court established an important precedent in international negotiations. The Court gave a unanimous decision to Lithuania over the reopening of railway traffic with Poland and decided that Poland is not entitled to use Danzig harbor as a naval base. It also eliminated difficulties arising out of language tests in Polish minority schools.

Transcending ordinary diplomatic procedure, the year saw the development of an era of "personal diplomacy"—accepted as the forerunner of a new freedom of intercourse between statesmen. Premier Laval of France and Foreign Minister Grandi of Italy talked with President Hoover in Washington on questions of reparations and disarmament. M. Laval's visit paved the way for subsequent action of Germany in petitioning the Bank for International Settlements for reexamination of the entire question of financial liquidation of the war. The visit of Secretaries Stimson and Mellon to Europe during the summer greatly facilitated the movement [illegible] for an economic rapprochement between the [illegible] Government and the rest of the [illegible]. Chancellor Bruening and Foreign Minister Curtius visited London and Rome. A permanent Franco-German Economic Collaboration Committee resulted from the visit of Premier Laval and Foreign Minister Briand to Berlin.

Vast forward strides have been made by individual nations. In a bloodless revolution Spain became a republic. She adopted a constitution which provided for liberal religious autonomy, separated the church and state, granted suffrage to women. Incorporated in her constitutional provisions are the fundamentals of outlawry of war embraced in the Pact of Paris.

Great Britain cast aside party affiliations to meet emergency conditions and [illegible] a National Government by an overwhelming majority. England reversed its free trade policy with an anti-dumping bill as a first step toward tariffs. Britain gave legal form to the independence of the dominions through the adoption of the statute of Westminster.

Continued negotiations toward Indian federation lead to a second Round Table Conference in London which paves the way for progressive steps in Anglo-Indian partnership.

The six Balkan nations, through a conference at Istanbul, paved the way for economic coöperation.

Jugoslavia through the action of King Alexander was placed upon a constitutional basis, although the dictatorial policies of the king were heightened rather than lessened. Turkey and the United States signed their first political treaty, which provides for most favored nation treatment in establishment of residence of their respective nations.

Cabinet officials of Greece and Turkey exchanged visits following the rapprochement in 1930 through which a treaty of friendship ended the lengthy feud which had resulted in grave conflict between these two nations in Asia Minor. Far-reaching coöperation to control an economic problem resulted from the deliberations of sugar producers of Cuba, Java, Germany, Czechoslovakia, Poland, Hungary and [illegible] adopted under the Thomas L. Chadbourne plan for sugar stabilization.

Abyssinia ended its absolute monarchy and under a constitutional government Emperor Haile Selassie I promises definite steps to end slavery.

China, although faced with the difficulties of the Manchurian situation and sanguinary revolution of five southern provinces, moves toward physical and economic reconstruction with the aid of advisers from the League of Nations.

The Wailing Wall dispute, which for years has disturbed relations between Jews and Moslems in Jerusalem, is settled through the report of a British commission, which declares the wall to be Moslem property but open to Jewish devotional uses.

Italy modifies its aggressive foreign policy and appears, through pronouncements of Premier Mussolini, as an advocate of disarmament and greater international harmony.

Ceylon holds its first general election, under adult suffrage, under a new constitution which moves it definitely along the road toward self-government.

In Latin America definite progress toward stabilization of governments is made. Bolivia, Chile and Peru return to constitutional government. Bolivia and Paraguay have begun negotiations toward settlement of the Chaco dispute by peaceful means. Brazil moves to integrate the country from an economic standpoint by the abolition of interstate taxes. Venezuela renders its entire external debt and becomes one of few nations with no foreign obligations outstanding.

Two major developments disclose the progress of the United States in Latin-American policy. The question of intervention is clarified with the decision to withdraw troops from Nicaragua by May 31, 1932. The United States also turns over the major portion of Haitian affairs to the native government.

Private efforts toward peace have taken notable form in the mammoth armament declaration launched in five continents by the Women's International League and daily adding to its millions of signatures. In the United States a private commission is named to investigate American sanctions against violators of peace treaties; a foundation is endowed with $1.000 000 to promote German-American good will: students' organizations are formed to undertake the basic problem of education in internationalism. In matters such as these the will to disarm is being developed upon a world-wide scale.

ACHIEVEMENTS in INTERNATIONAL AFFAIRS for the year 1931

American[illegible] European ministers [illegible] further world [illegible] personal diplomacy.

The United States for the first time participates in League Council session.

[illegible] British Dominions legally fixed by Statute of Westminster.

[illegible]

India[illegible] Table [illegible] progressive st[illegible]

The way is prepared for sessions of the World Conference on Disarmament.

International Bank mobilizes financial aid for Austria and Germany.

Millions of persons in both hemispheres sign petitions for world disarmament.

[illegible] of seven nations [illegible]

Mexico [illegible] membership [illegible]

[illegible]

United States [illegible] American [illegible] Nicaraguan withdrawal.

Venezuela becomes one of few nations to have redeemed entire foreign debt.

Turkey and the United States sign treaty providing most-favored-nation treatment for nationals.

Moratorium on reparations starts progressive steps for German financial rehabilitation.

League of Nations focuses world attention on the Sino-Japanese Manchurian dispute.

China pushes reconstruction with aid of League advisers.

First anti-narcotic treaty is drafted at international drug conference.

Significant questions including the Austro-German customs union are acted upon by World Court.

Pacts for non-aggression and economic coöperation are initiated at conference of six Balkan nations.

Fifty nations sign a one-year truce curtailing armament construction.

Haitian administration placed by United States largely in hands of native government.

Peace principles in Pact of Paris embodied in Constitution of new Spanish Republic.

[illegible]

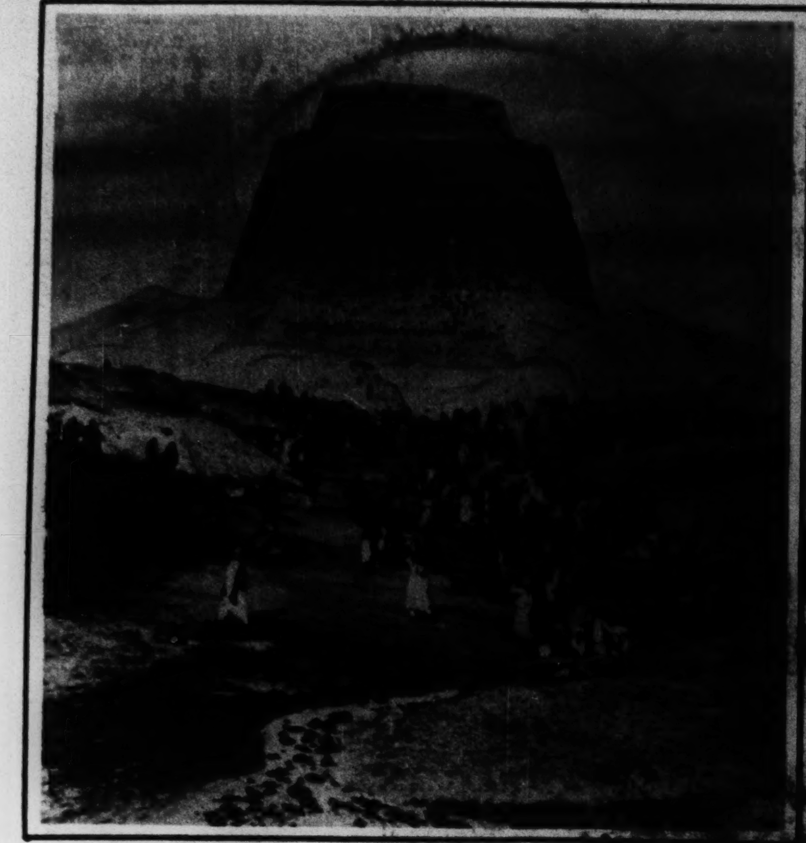
[illegible] policy definitely [illegible] favor disarmament and world peace.

Moslem-Jewish dispute over the Jerusalem Wailing Wall is settled.

Abyssinia ends absolutism, drafts Constitution, and moves to end slavery.

General Act for Pacific Settlement of Disputes is acceded to by 18 nations.

Drawn for The [illegible] by Dwight C. Sturges



UNCOVERING MEYDUM PYRAMID

One of the expeditions seeking to read Egypt's vast book of ancient history written in carved inscriptions and painted tombs. Natives [illegible] away the debris of 5000 years. Extensive excavations in Egypt have continued during the past year.

© British, Australian and New Zealand Antarctic Research Expedition; © New York Times Company, 1931.

MAWSON ANTARCTIC EXPEDITION

Raising of flag on newly discovered Princess Elizabeth Land and MacRobertson Land by Sir Douglas Mawson's party. Much data of value to natural science were collected. New regions were carefully charted, including 1000 miles of hitherto unmapped coast. As a result of oceanographic work, some 20 tons of specimens were brought back. A Moth airplane was used for part of the exploration and a great stretch of territory was seen from the air for the first time. Crab-eating seals, sea leopards and penguins basked in neighborly fashion among the floes of ice.

Cav. N. Morano Pisculli, Rome

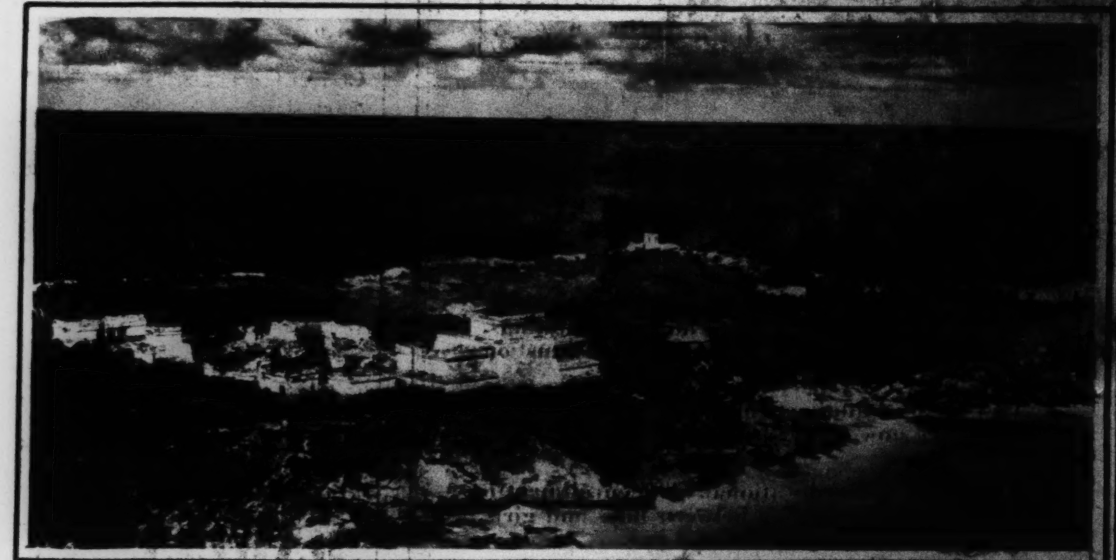
HOUSE UNCOVERED IN HERCULANEUM

Digging away [illegible] mud has already uncovered about 4500 square meters at Herculaneum, near Pompeii, revealing whole streets [illegible] houses and shops almost intact. [illegible] multi-colored mosaic pavements and [illegible] marbles are among [illegible] finds.

© Planet News, Ltd.

ARCTIC SUBMARINE, THE NAUTILUS

Commanded by Sir Hubert Wilkins, the amazing under-ice voyage to the North Pole was attempted. While unsuccessful in reaching the Pole, the expedition gained useful information and returned with dramatic stories of a newly-visited world below polar ice.



University of Pennsylvania Museum—Fairchild Aerial Surveys' Photo

MAYA CITY OF TULUUM, YUCATAN COAST

To help solve the riddle of early America, ancient cities of the Mayas are being wrenched from the jungle and the story of an amazing people rewritten bit by bit. This is only one of several Maya cities where expeditions have been at work during 1931.

THE realm of exploration recorded some of its most notable advances during 1931. Upward of 100 expeditions of major importance have been in the field, and man's store of knowledge has been greatly enriched by their findings. Material was uncovered by which man now can piece together a more adequate story of the earth; and the boundary of the ages we so long have dismissed as "prehistoric" has been moved further back into the past.

What seems unmistakably to be the site of the Sodom of Bible days was revealed—the city evidently had been destroyed by a rain of fire! Convincing light was shed upon the times of Abraham; the excavator's pick confirmed incidents recorded in the Book of Daniel; diggings near Jerusalem authenticated statements in the Book of Maccabees; and the ruined walls of Jericho were found.

New islands in the arctic; a vast new land in the antarctic; the shifting of the south magnetic pole; the drifting of continents; the conquering of Mt. Kamet's 25,447-foot summit; 1300 years of unbroken Indian history traced in Arizona; an island in a jungle lake with pre-glacial buildings indicating that the world's oldest civilization was probably on the South American continent—these are only a few pages of the book of discovery.

The value of the airplane to the explorer was demonstrated, especially in locating ruins high up in mountain lands, in tropical jungles, and in desert wastes. No longer must the explorer grope and cut his way through almost impassable miles. He now may take wings, survey ancient cities, examine the sites with care, and then set to work with definite objectives.

With expeditions operating in so many different spots, it is obviously possible to record pictorially on this page only a tithe of the interesting developments. Suffice it to say that never was the venturesome spirit more evident than in the year just drawn to a close.

DR. LANGE KOCH

Leader of Danish expedition to find why human and animal life disappeared from interior of Greenland. This is part of three-year plan started last summer. Many stations have been set up for the work.

HOTEL FENSGATE
At Charlesgate East
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BOSTON
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31
SKINNER ORGANS
have been installed in Christian Science churches

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California
ARE PRESIDENT LINERS
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HAWAII .. ORIENT .. ROUND THE WORLD

THE NEW PRESIDENT COOLIDGE SAILS JAN. [illegible] $[illegible]75 SPECIAL CLASS $[illegible]50

ROUND AMERICA $300 [illegible]

[illegible] ever thought possible... There [illegible] no extras on shipboard either; all of [illegible] meals, most excellent ones [illegible] and all your fun aboard [illegible] your fare. [illegible] Liners give you [illegible] And after a full day ashore, you're all again through the [illegible]

Caribbean [illegible] (over [illegible]) [illegible] blood, which [illegible] very [illegible]

$110-$1250

Visit 18 to 22 ports in 14 countries. Go as you please [illegible]

PRESIDENT [illegible] SAILS DEC. [illegible]
PRESIDENT LINCOLN . SAILS JAN. [illegible] . . . $225
PRESIDENT POLK . . SAILS JAN. 14 . . $[illegible]

See your local travel agent, or...

DOLLAR [illegible]

LONG BEACH CALIFORNIA
A METROPOLITAN CITY OF [illegible]
CONVENTION CENTER OF THE PACIFIC COAST

LONG BEACH is a metropolitan city of 142,[illegible] people—all of whom are keenly alert to [illegible] responsibility to convention visitors. Of[illegible] scores of worth-while attractions and [illegible] entertainment features, it is a natural [illegible] Southern California's endless allure[illegible] —recreation — thrills — and pleasure — Long Beach provides them all, while its [illegible] 1000 hotels and apartments, [illegible] located and moderately priced [illegible] quirement of an ideal conv[illegible] less stretch of more than [illegible] sloping beach provides the [illegible] on the Pacific Coast, while Alamitos Bay—with its labyrinth of canals, still-water [illegible] and sheltered yacht harbor—is a [illegible] year-'round aquatic paradise. Riding [illegible] at anchor in the Long Beach harbor is the United States Battle Fleet—sleek, gray, super-dreadnaughts and giant airplane carriers—a [illegible] of never-ending interest to all visitors. On the waterfront, daily concerts by Long Beach's $100,000 Municipal Band, under the direction of Herbert L. Clarke, premier cornet soloist, are a national attraction. For the thrill and pleasure-seeker, a $6,000,000 amusement zone beckons with an endless array of entertainment. And withal a spirit of hospitality which spells W-E-L-C-O-M-E in capital letters

In a setting [illegible] by no other city in the United States, perhaps in the world, Long Beach's new municipal auditorium, costing $1,400,000, mirrors its majestic splendor above the [illegible] roll of white-foamed breakers. Resting like a gem in the heart of a 32-acre still-water lagoon [illegible] encircled by a 3800-foot "Rainbow" pleasure pier open to both motor and pedestrian traffic, it is the equivalent of a 10-story building and contains 16 meeting halls with seating capacities up to 6500.

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CHAMBER OF COMMERCE,
LONG BEACH, CALIFORNIA.
Please send me your booklet describing Long Beach as a convention, home and industrial city.
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City.......................... State..............
CSM 1732

The great Orientalist (left) of the University of Chicago stands in front of the Winged Assyrian Bull of Sargon II, in the newly dedicated Oriental Institute of that University. [illegible] results of Dr. Breasted's [illegible] expeditions to Egypt [illegible] will provide students and public with unusual opportunities for Oriental research.

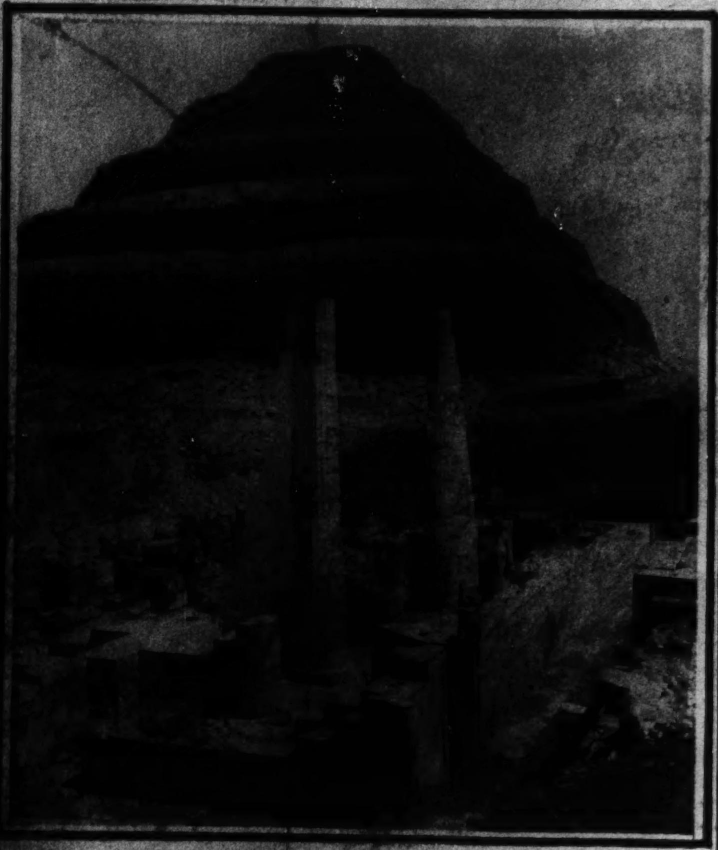
[illegible] PUSHED BACK [illegible]

Wide World

Excavations [illegible] information concerning [illegible] found also.

[illegible] SOUTH ARABIA CROSSED

One more "[illegible]" region [illegible] Bertram Thomas (third from right) last summer crossed [illegible] of South Arabia, the first European to do so. Meteorological observations were made and data collected for future use of [illegible]



FOUND NEAR MAADI, EGYPT

Prehistoric dwellings and a number of important finds in sealed tombs were the most notable archeological finds made in Egypt in the last two years. A small temple with fluted columns was uncovered in front of the famous "step-pyramid" at Sakkara.

Wide World

TRACING THE ORINOCO

Dr. Herbert Spencer Dickey and party at headwaters of the Orinoco on expedition to [illegible] this river on borders of Venezuela and Brazil. Dr. Dickey found mountains 60 miles from where they were supposed to be, tribes far from where they had been previously reported, and brought back many crates of specimens. He has decided that white Indians are a myth. Explorers have this year made valuable studies in little-known regions of South America.

RUINS OF JERICHO

Many secrets of past reposing in layers within the soil of Palestine have been unearthed during last two years. The history of four successive cities was pieced together on the site of ancient Jericho.

Read & White

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93 [illegible] BOSTON

WOOLWORTH BUILDING
PROVIDENCE, R. I.

[illegible] Tailor, Clothing and Furnishings Goods Dealer in New England and New York State is our Agent.

Achievement

[illegible]

The Winnwood School property in 1911 consisted of seven acres and one building. Today [illegible] to 150 acres and nine buildings, [illegible] one of the largest gymnasiums on Long Island.

Two of the buildings shown in the illustration above are now completed and [illegible] girls' dormitories.

Winnwood is co-educational. The enrollment is [illegible] equally divided between boys and girls, [illegible] from [illegible] to 19 years of age.

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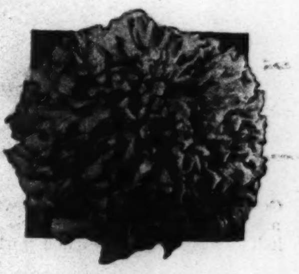
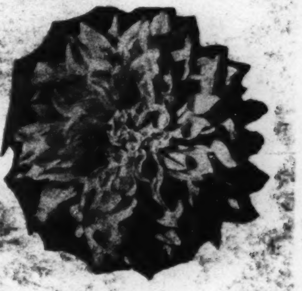


California Mission
(Balloon Type) **ZINNIAS**
COLLECTION OFFER #192

Seven Regular 25c Packets of Separate Colors: Crimson, Canary Yellow, Orange, Purple, Lavender, Sulphur Yellow, Scarlet. All five packets...... $1.00



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AVIATION TRA

MODERN LUXURY RIDES WAV[illegible] [illegible] [illegible]CIFIC
The President Hoover, of the Dollar Line, at the [illegible] [illegible] [illegible]. This [illegible]-foot vessel and her sister ship, the President Coolidge, were pl[illegible] [illegible] in [illegible]. Driven by electricity at a speed of 22 knots, they are now in regul[illegible] [illegible] service. They carry crews of 300, and each has a passenger capacity o[illegible] [illegible] were the largest passenger vessels then completed in [illegible]

Alex Stöcker

GERMANY'S LA[illegible]EST—A FLYING WING
Wings hold up an airplane. The long body only gives space. Why not a flying wing with the body space found in the wings? Germany answers the question. Great efficiency with low power is the result, a real 193[illegible] achievement. It is typical of the progress which is being made in fundamental aerodynamic design, embracing wide departures from airplane types of recent years.

U. S. S. AKRON, NEW AIR QU[illegible] [illegible]RUITAGE
When the new United States dirigible sailed [illegible] from the c[illegible] than a mere American air triump[illegible]. The [illegible] type of ai[illegible] experimental ships, most of which [illegible] were lost. [illegible] From these failures, priceless lessons were learned. Great B[illegible] government observers to see their [illegible] [illegible] take part [illegible] Akron. So today, brilliant achievement [illegible] [illegible] this silver [illegible] thought but even greater coöperative [illegible] endeavor. [illegible] States Navy queen is seen floodlighted after [illegible] her [illegible]

Luftschiffbau Zeppelin

NOT HOLLYWOOD BUT PERNAMBUCO, TERMINAL OF ATLANTIC FLIGHTS
Such a modern device amid tropical [illegible] looks like a Hollywood stage, but it is the Graf Zeppelin in Brazil on the third of three ocean crossings made in 1931 to prove the feasibility of regular transatlantic dirigible travel.

© The Aeroplane

SLEEK BREAKER OF THE 400-MILES-AN-HO[illegible] [illegible]ARK
This year saw Britain achieve permanent possession of the Schneider trophy with a seaplane which later made nearly 408 miles an hour, by far the greatest speed ever traveled by man.

Underwood

[illegible]KING NE[illegible] [illegible] TO CONQUER
[illegible] [illegible]ip is air s[illegible] [illegible]at it is called the "str[illegible] sp[illegible]" Among its [illegible]ties are [illegible] air[illegible] travel at 1000 miles a[illegible] [illegible], due to [illegible] air [illegible]sistance. To find out more about this [illegible] [illegible] Au[illegible] Piccard and Charles Ki[illegible]er ascended in a balloon [illegible] a special gondola, reached a point just above 10 miles [illegible] and came down in the Alps.

A[illegible]VIATION in 1931 achieves the goal of [illegible] [illegible] major method of transportation, a high-spe[illegible] [illegible] rapidly being coördinated with existing [illegible]. [illegible] efficient on short distances and [illegible] travel in its heavier-than-air department, [illegible] [illegible] cross-ocean travel is forecast by the [illegible] flights of the Graf Zeppelin—three times [illegible] the Atlantic to Brazil and side flights to Egypt [illegible] [illegible]land.

The United States navy complete[illegible] the [illegible] and fastest of all dirigibles, the Akron, with design details which are expected to make commercial airships a possibility. [illegible] cruising [illegible], greater spaciousness, less [illegible]ness and quieter [illegible] are the dirigible's bid for a place in the flying sun as exem[illegible] [illegible]

In the heavier-than-air field, the [illegible] [illegible] which have made recent aviation developments [illegible] [illegible] burst and extensive [illegible] in all lands [illegible] [illegible] in flying machines giving greater speed, [illegible] [illegible] autogiro, although invented before 1931, finds [illegible] [illegible] and proof of its [illegible]. England turns it out [illegible] [illegible] [illegible] step which makes an airplane a true [illegible] [illegible] of the tail-spin danger is achieved in the German [illegible] [illegible] [illegible]rally flies tail-first. Its small wing [illegible] [illegible] [illegible] stalling and makes level flight [illegible] [illegible] [illegible] complete elimination of the tail in the German [illegible] [illegible] wings are so designed to accommodate [illegible] [illegible] [illegible] the body of an airplane. Thus [illegible] [illegible] of the ship are contributing in actual lift as [illegible] [illegible] [illegible] drag of the ordinary body. Its efficiency is [illegible] [illegible] with but a 36-horsepower motor.

Looking beyond flight in the present [illegible] [illegible]-atmospheric-flight-levels is research into stratosphere flying, at distances 10 or more miles above the earth. A German [illegible] designed to fly in this thin air has [illegible] [illegible] and due to the small [illegible] [illegible] at [illegible] heights 1000 miles an [illegible] speed is ultimately predicted with Atlantic crossings being made in a few hours of [illegible] time. Prof. Auguste Piccard [illegible] a balloon ascent to explore this stratospheric level and goes up 10 miles—higher than man has ever gone before. His [illegible] knowledge is a definite contribution to the coming art of stratosphere flying. Speeds of 1000 miles [illegible] in the stratosphere do not seem [illegible] when 193[illegible] contributes a speed record of nearly 408 miles an hour in the present high resistance [illegible] flying levels, made by Great Britain's Schneider Cup winning plane.

On the water as well as in the air, great ships play their part. The Manhattan, largest passenger vessel to be built in the United States, slides down the ways. The Empress of Britain sails as the flagship of the Canadian Pacific fleet. Italy launches the [illegible], largest vessel to come from Italian yards. Palatial new electric-driven ships—the President Hoover and President Coolidge—ply between New York and the Orient. In France a thousand-footer rises from the stocks at St. Nazaire.

Here then is a year of achievement. Vision, courage, patience and persistence have flung out a challenge and men may move with greater speed, greater safety and greater ease than ever before.

From Ewing Galloway

WALKING AIRSHIP
A German Zeppelin on steel rails established a speed of 109 miles an hour on a run between Spandau and Berlin. Streamlined carriage design reduces wind resistance while airplane propellor overcomes the problem of driving-wheel traction and permits light construction.

END OF THE PIPE LINE TRAIL
Mixing and Dish station at "terminal" of the thousand-mile pipe line which will bring 175,000,000 cubic feet of gas to Chicago each day from the Texas Panhandle.

[illegible] [illegible] A HUGE PORT
Antwerp's [illegible] River port is being steadily enlarged. In the past two years three new drydocks have been constructed. Antwerp has begun work on a tunnel to connect both sides of the river and contemplates an extensive industrial housing development on the left bank.

NSPORTATION

Wide World

INTERNATIONAL DIRIGIBLE ENDEAVOR

or which it was named a few months ago, it meant more
was developed in Germany. Great Britain built several
United [illegible], the Shenandoah, was also lost.
n and Germany both generously permitted American
trial flights. [illegible] crucible came the plans of the
ow of the [illegible] represents not only international
ely housed in [illegible] shed at Akron, Ohio, the United
night trip.

© London News Agency

TAIL-FIRST FLYING ARRIVES

Another German 1931 achievement is the "Flying Duck" plane, so named since it looks like a duck, neck stretched out ahead, homeward bound. Greater safety is its aim.

ALMOST ALL ROADS LEAD TO MILAN'S NEW RAILWAY STATION

A task suspended because of the war was completed in 1931 with the opening of Milan's new terminal facilities, costing approximately $75,000,000. Five great arches, the central one rising to a height of 120 feet, cover a large portion of the track area with a structure of steel and glass. The station is classed among the largest in the world.

Alex Stöcker

[illegible]ANY'S GRACEFUL RECORD GLIDER

[illegible] streamlined and proportioned, this highly [illegible] set a sail plane record of 165 miles [illegible] 1931, piloted by [illegible] Guenther Groenhoff.

London News Agency

A PLUME OF SMOKE MARKS RAIL SPEED RECORD

[illegible] the [illegible] English countryside the "Cheltenham Flyer" train of the Great Western Railway covered the 77.25 miles from Swindon to London in 59.5 minutes—nearly 78 miles an hour, a British record. The schedule time for this train with its load of 260 tons is 67 minutes, thus an average speed of 69.3 miles an hour is achieved daily.

"Flight"

A CABIN 'GIRO

Proved in open form, England now offers the first cabin autogiro, giving comfort with safety. It uses three instead of four rotating vanes. Developments in flying equipment of this type involve research opening up entirely new theories of aerodynamics.

GOLDEN SPIKE

Great Northern and Western Pacific railways were joined Nov. 10 when chiefs of five rail lines saw uniting of Pacific Northwest and Central Western systems at Biber, Calif. Mr. Arthur Curtiss James, a major stockholder, is shown driving the golden spike, ending [illegible] miles of construction involving nearly $15,000,000.

A GIANT OF THE SEA SLIDES DOWN THE WAYS

Launching of the Manhattan sets a new record for American shipbuilders. The 705-foot vessel is the largest passenger ship to be built in American yards. Its seven passenger decks will accommodate 1300 persons aside from the crew. At present more than 60 per cent completed, it will be placed in service in several months by the United States Line on the North Atlantic.

Wide World

THE EMPRESS

Symbolic of the maritime progress of Great Britain, the hull of the Empress of Britain looms in striking silhouette against the floodlights of drydock. Flagship of the Canadian Pacific fleet, she is the largest vessel completed in Great Britain since 1914.

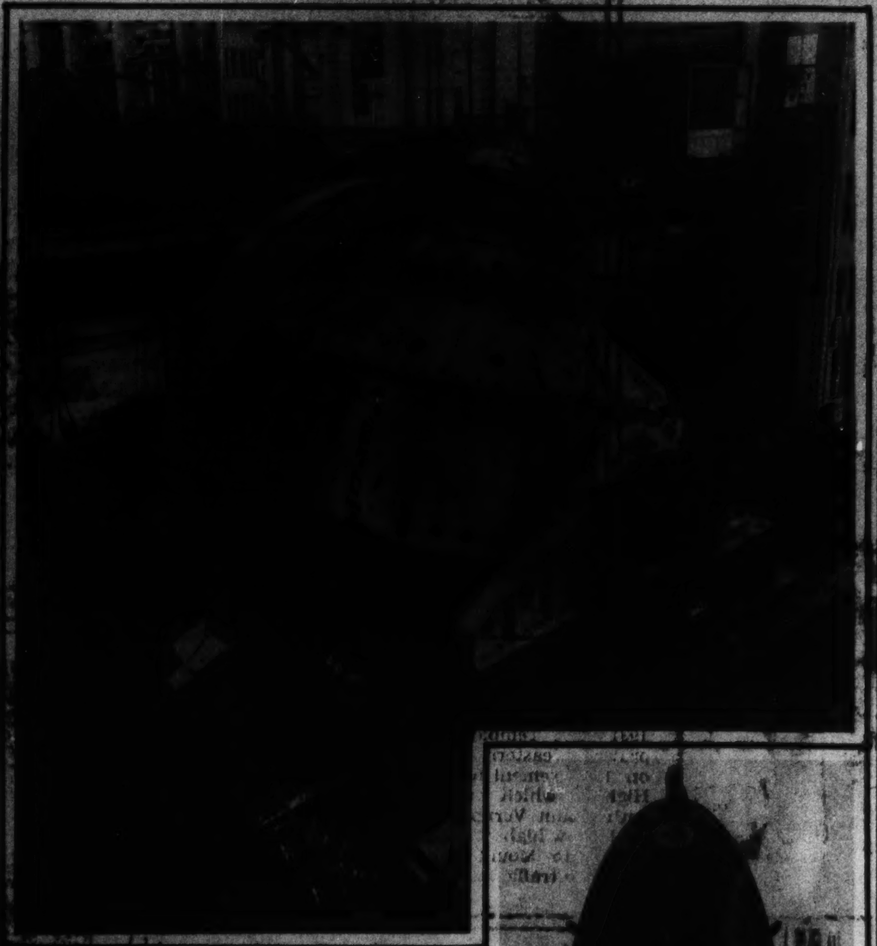
MAN-MADE steeds that take continent, ocean and the sky within their stride, have carried 1931 to new records of achievement. Railroads, despite difficult economic conditions, move definitely toward the recovery of their place in competition with other forms of transport. [illegible] units of the world's merchant marine sail [illegible] ports. And in the air, a year of unparal[illegible] technical pioneering carried forward despite great cost, expands [illegible] of the empire of the skies. Thus are old [illegible] of transport refined—and new methods extended.

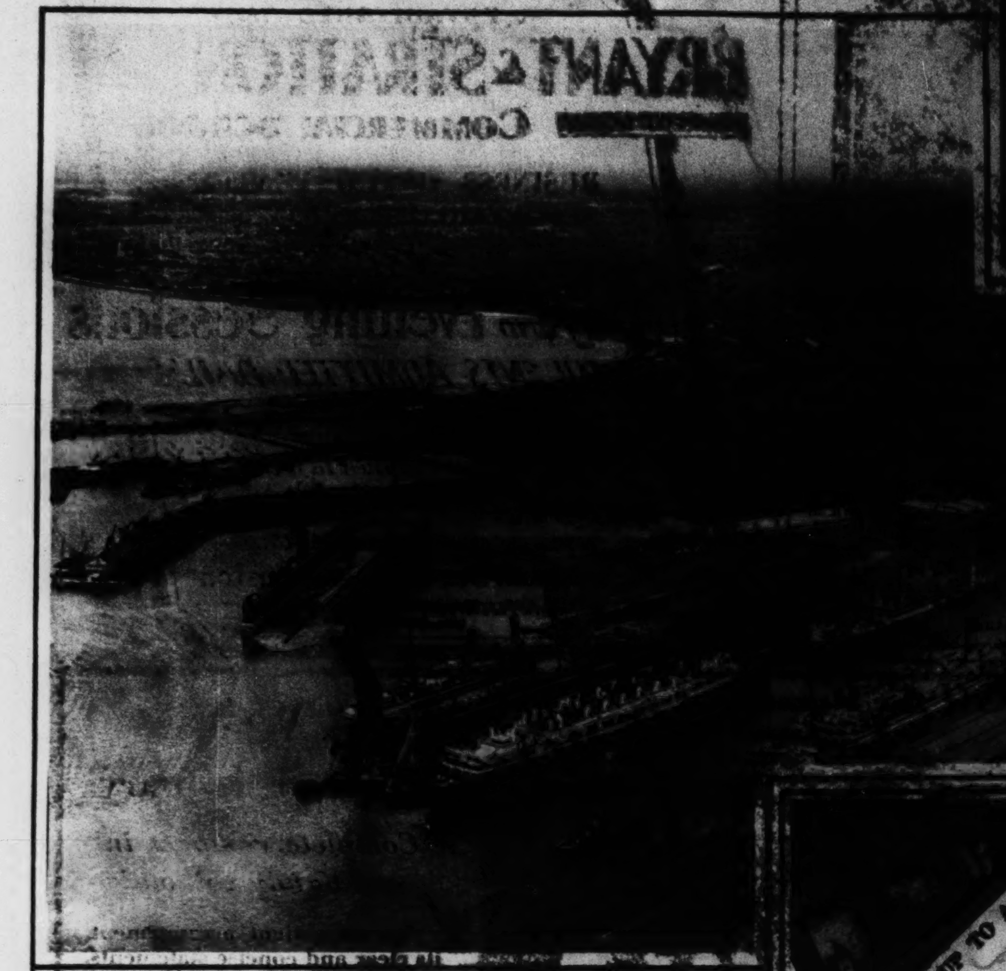
Railroads [illegible] significant technical developments which place them in a position to meet the challenge of airplane speed and truck and motor [illegible] speed trains are built combining greater [illegible] before. The Pennsylvania Railroad plans [illegible] of one hundred miles an hour when its New York [illegible] completely electrified. The New York Central [illegible] program that will give ninety mile-an-hour [illegible] lines which involves new rolling stock, new [illegible] engineering and construction developments [illegible] notable advances. Streamlined [illegible] speeds of [illegible] miles an hour. Aerodynamic research [illegible] miles an hour to be an economically desi[illegible] trains. Stream-lined street cars are tried [illegible] devices enable the same carrier to operate [illegible] rails, promising solution to "store-to-store" [illegible] American Society of Mechanical Engineers [illegible] that [illegible] railroads were never more efficiently operated than in 1931, with improvement in speed as well as reliability. Technical improvements range from improved braking equipment to the largest locomotive on the American continent completed for the Canadian Pacific.

In the United States, half a dozen major rail terminal projects are carried forward. [illegible] sees completion of a huge terminal in Milan. Japan prepares to open the [illegible] tunnel beneath the Japan "Alps." Africa sees completion of the coast-to-coast Benguela-Tenke Railway, and from Cape Town to the Baltic hundreds of new railroad stations are constructed.

Ships [illegible] the seven seas are provided with better harbors. New ports rise. At Churchill, on the Hudson Bay, a new port brings western Canada 1000 miles closer to Liverpool. Gdynia, a fishing village of 200 inhabitants in 1925, becomes Poland's modern port. In Western Africa, Lobito Bay, terminus of the Benguela-Tenke Railway, equips itself to handle trade now passing through its landlocked portals. In Japan the harbor of Tsuruga sees completion of new port works to accommodate vessels crossing the Japan Sea from Vladivostok. On the Mediterranean the harbor of Haifa pushes toward completion of facilities which will accommodate the largest vessels that ply those waters. At Bremerhaven, Germany, the second largest lock in the world is completed, giving modern ocean liners access to the inner harbor basin. Buenaventura, on the west coast of Colombia, completes extensive port works. Southampton, at work on the world's largest drydock, speeds up a £10,000,000 improvement scheme to keep pace with rapid growth of shipping in the past two years.

THROUGH TRAVEL ACROSS AFRICA
Direct connection from coast to coast between the rich copper mines of Katanga and northern Rhodesia in the center of Africa and the new harbor of Lobito Bay on the Atlantic Ocean has been established by the completion this year of the Benguela-Tenke railway. The new route saves 1200 miles by land and 1450 miles by sea in the conveyance of copper from the mines to Great Britain.





Topical Press

SOUTHAMPTON UNDERTAKES VAST DOCK IMPROVEMENTS
Southampton Harbor has had to speed up its £10,000,000 improvement scheme to keep pace with a rapid growth of shipping trade here during the last two years. The world's largest dry dock is [illegible]. Work is well advanced on a vast reclamation project.

Cav Giovanni Agosto

"SPINNING TOP" SHIP
The Conte di Savoia, new Lloyd Sabaudo liner launched at Trieste in October, 1931, embodies latest developments in naval construction. It has the first gyroscope plant to be applied to a passenger ship of such great size, although a few yachts and a 10,000 ton airplane carrier have been similarly equipped. If the designer's calculations prove correct, the Conte di Savoia will never roll more than five degrees, no matter how heavy the cross seas into which it is driven. The stabilizer has three units having rotors of 100 tons each, which are electrically operated. The vessel itself is shown at the right.

SOUTH AFRICA ADDS TO ITS TRANSPORT
The recent marked growth of South Africa's railway system is crowned by the new railway station at Johannesburg, which is now nearing completion. The project is a vast one, to cost more than £300,000. There have been certain modifications in the architect's drawing. Other important undertakings in South Africa include Cape Town's new airport and important harbor projects at Cape Town and East London.

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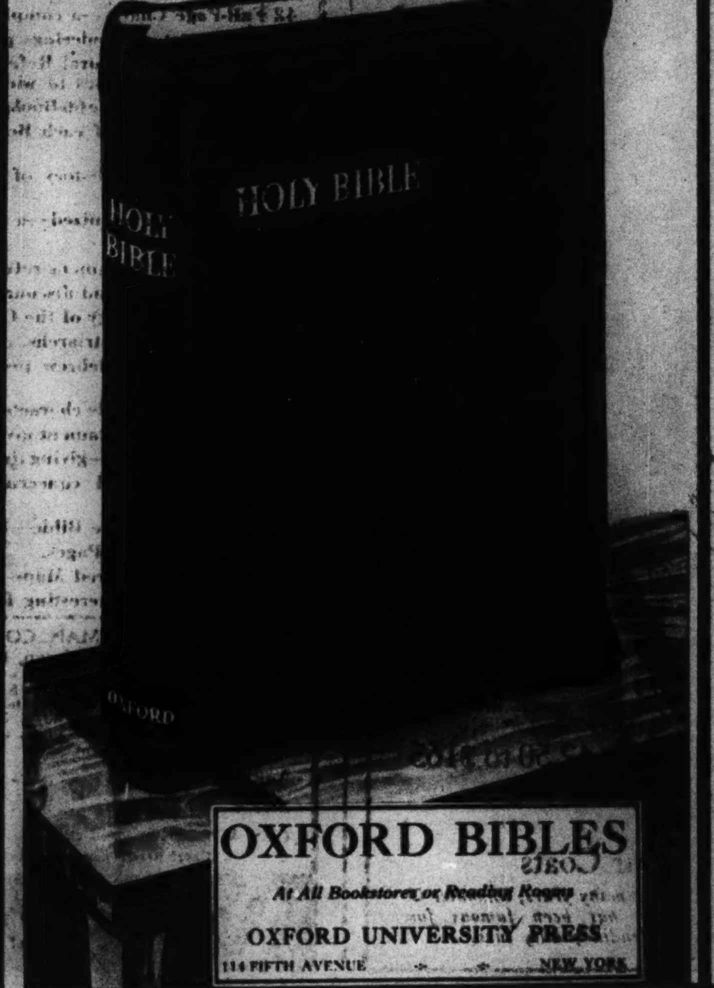

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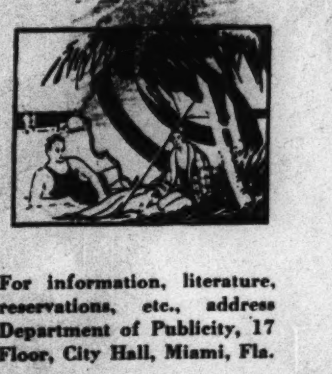

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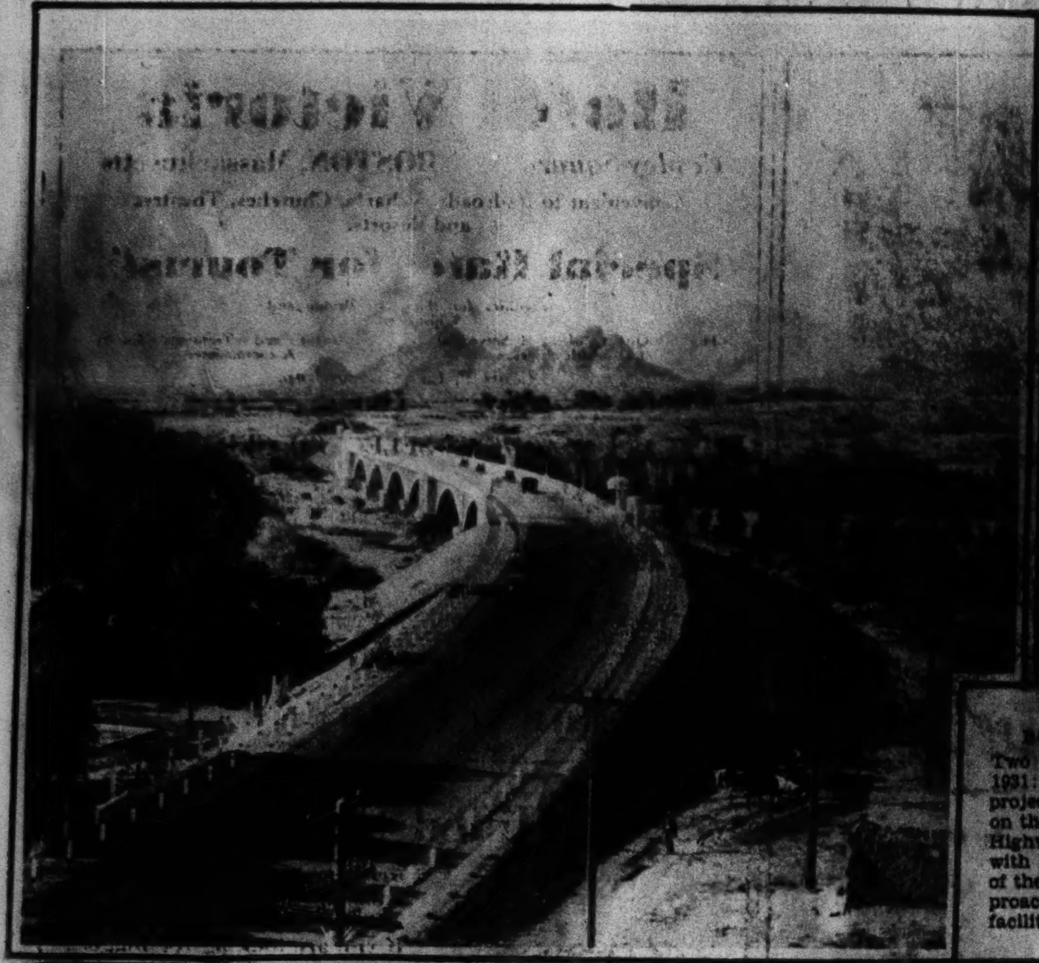

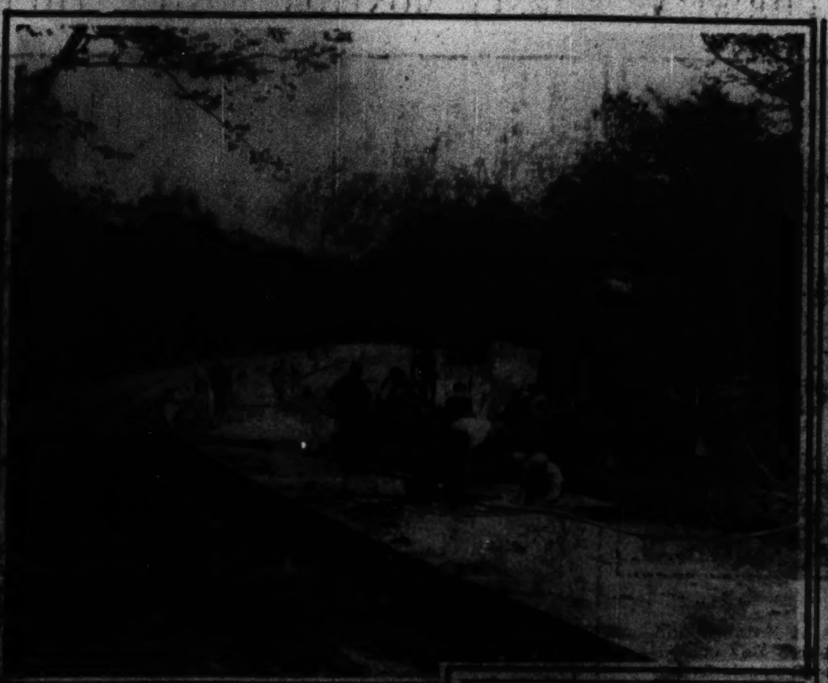

U. S. Bureau of Public Roads

BUILDING THE NATION'S HIGHWAYS

Two of many projects which moved forward in 1931: The Temple Bridge (left), a Federal Aid project in eastern Arizona. Concrete work (right) on the pavement for the Mount Vernon Memorial Highway which will connect Washington, D. C., with Mount Vernon, Va. The southern terminus of the new highway is designed with a circular approach to Mount Vernon which not only will facilitate traffic but will provide parking space.

IN 1931, 60,000 miles of highways were built or resurfaced, according to American Automobile Association estimates. Approximately $1,700,000,000, an increase of $100,000,000 over 1930, was spent on highways in 1931 and $500,000,000 was spent on street construction in the United States.

Road construction was speeded by practically all of the states, especially in the southern regions which had lagged behind in highway building. The Federal and state work more than offset slowing down of county road projects. Road construction expenditures for 1932 are expected to equal those for 1931.

Federal Aid road work progressed more rapidly in the year ending June 30, 1931, than in any preceding year. A total of 11,[illegible] miles was completed, compared with 8682 miles in the previous year. At the close of the period, projects under construction totaled 16,880 miles, compared with 9916 miles at the end of the preceding year. The Bureau of Public Roads estimates that for every person on the road work two other persons are employed in the manufacture and transportation of road materials and equipment. On this basis the Federal and Federal Aid road program alone was probably equivalent to full-time work of 460,000 persons.

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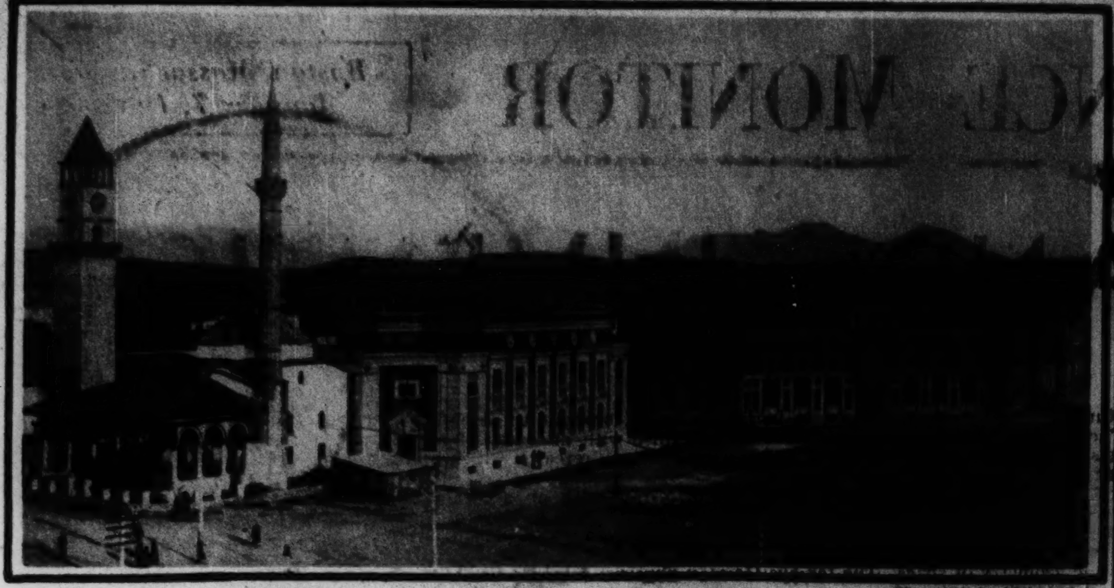
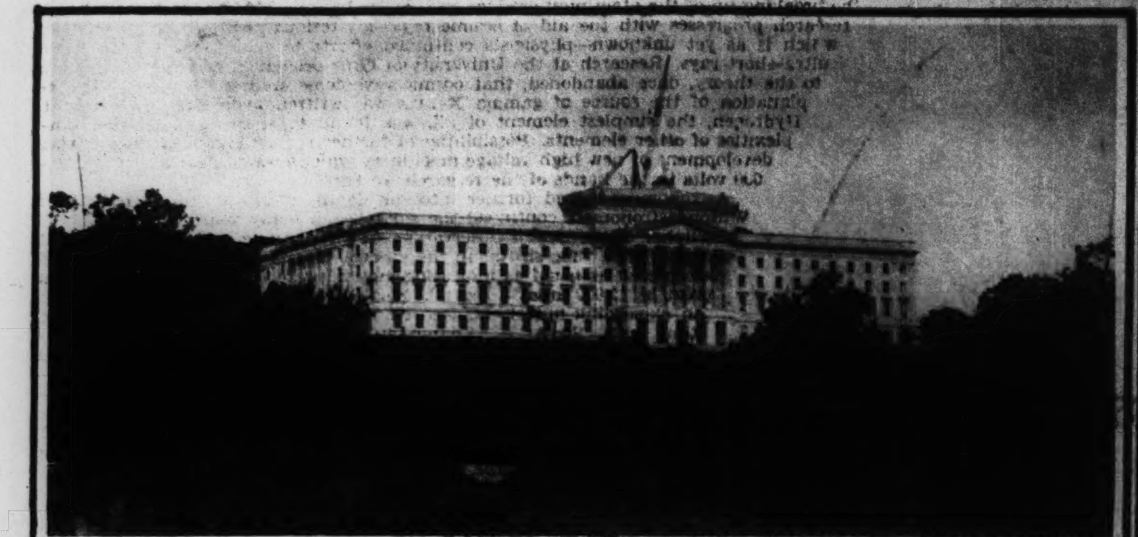


ALBANIA BUILDS A CAPITAL

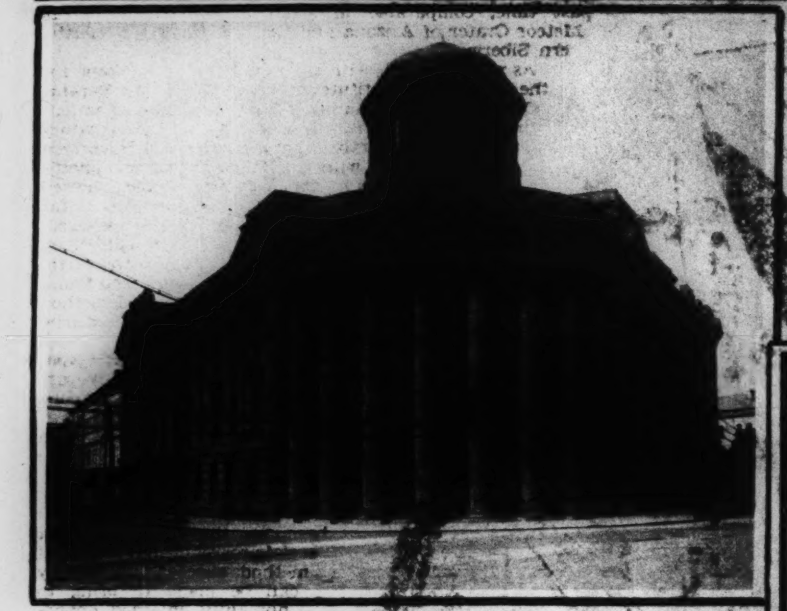
At Tirana, the Government of Albania, for the first time in the history of the land, has its own home. In July of this year it opened a cluster of new ministerial buildings. The official business of the whole kingdom now centers about this one square. Near by are the Parliament House and the new City Hall.



Central Press

READY FOR PARLIAMENT

Midway between the blue waters of Belfast and Strangford Loughs, a few miles seaward from Belfast city, stands the new Parliament House of Northern Ireland. Built by a free grant of £1,250,000 from the British Government, the structure is now practically complete, and will be formally opened within the next few months.



IN LITHUANIA'S CAPITAL

Before the war, Kaunas, the present capital of Lithuania, was a small provincial town. Today it has all the amenities of a modern capital. The last two years have seen the completion of many new government buildings, including the Ministry of Justice. Other improvements include a proper system of sanitation and a good water supply.

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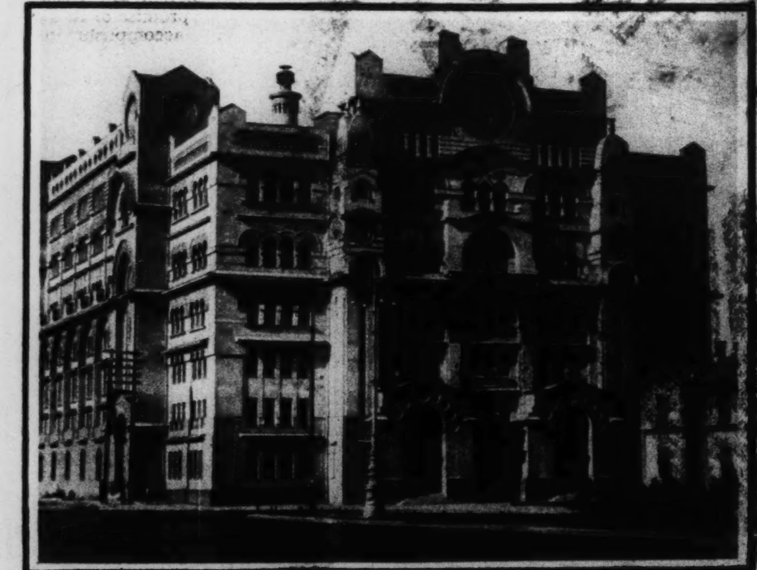
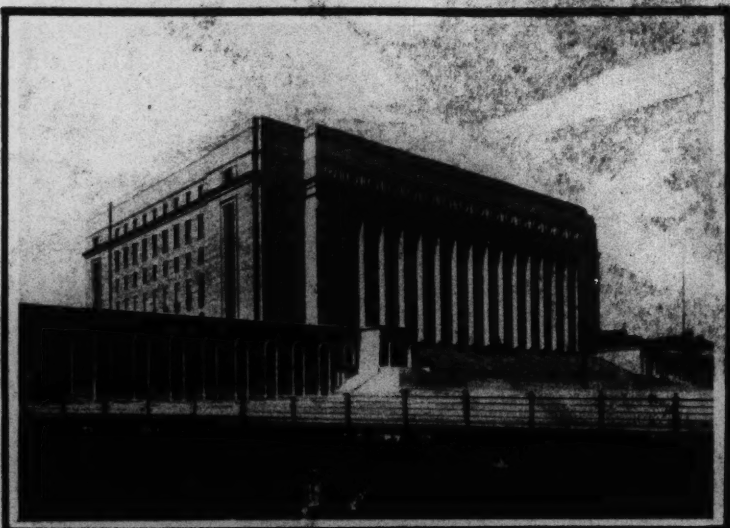


NEW BUILDINGS IN JUGOSLAVIA

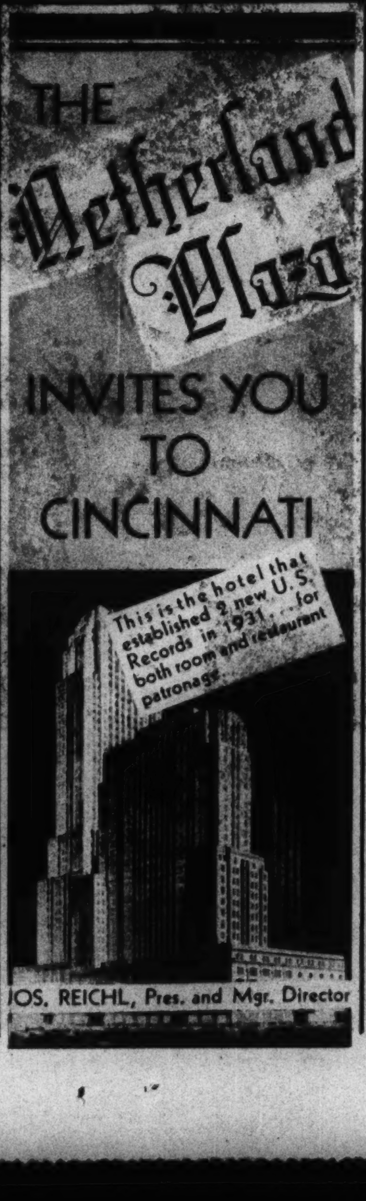
Slavia Press

The Jugoslav cities have achieved a prosperous appearance. Belgrade, the capital, is an almost entirely new product. A central post office, many new ministries, a large new mint, several schools, a cathedral, a massive reserve officers' headquarters, a new theater and scores of private buildings have been opened for use within the last two years.



FINLAND PERSEVERES

Finland's new Parliament House on the edge of Helsingfors was first planned in 1906, when Finland, under Russia, adopted its one-chamber system. In 1918, and again in 1925, efforts to further the project were made. When the idea of recession halted many enterprises, little was to be seen. In February, 1931, however, the building was completed.



THE Netherland Plaza INVITES YOU TO CINCINNATI

This is the hotel that established 2 new U.S. Records in 1931 ... for both room and restaurant patronage.

JOS. REICHL, Pres. and Mgr. Director

Matrix Shoes

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ALABAMA
Birmingham....The French Bootery
Dothan....[illegible]
Gadsden....Yance Shoe Co.
Mobile....John J. Damrich
Montgomery....Bullock Shoe Co.
Selma....Rowell's Shoe Store
ARIZONA
Bisbee....Levy Bros. D. G. Co.
Phoenix....Goldwaters Mercantile Co.
Tucson....Levy's
ARKANSAS
Little Rock....Pfeifer Bros.
Pine Bluff....Katzenstein Shoe Co.
Texarkana....H. N. Watson
CALIFORNIA
Long Beach....Hugh A. Marti Co.
Los Angeles....C. H. Baker { 659 S. Broadway / 461 S. Broadway
Oakland....The H. C. Capwell Co.
Pasadena....C. H. Baker
Pomona....Orange Belt Emporium
Redlands....The Harris Co.
Riverside....Eggert Bros.
San Bernardino....The Harris Co.
San Diego....The Marston Co.
San Francisco, C. H. Baker { 1400 Fillmore St. / 241 Geary St. / 835 Market St. / Cor. Post & Kearney Sts.
Santa Ana....Serene & Fulkerson
Ventura....Serene & Fulkerson
CANADA
Toronto, Ont....Chambers & Sons, Ltd.
Winnipeg, Man....Hudson's Bay Co.
COLORADO
Colorado Springs....Cox Bros. Shoe Co.
Denver....Broadhurst Young Shoe Co.
Grand Junction....E. M. Benge
Pueblo....Shoneby-Beck Co.
CONNECTICUT
Bridgeport....Meigs & Co.
Danbury....Lane's
Hartford....W. G. Simmons Corp.
Meriden....Brown's Boot Shop
New Haven....Edw. Malley Co.
Stamford....L. Spelke & Son
DELAWARE
Seaford....M. J. Cox Co.
Wilmington....Nelson Shoe Co.
DISTRICT OF COLUMBIA
Washington....Woodward & Lothrop, Cor. 11th & F Sts. N. W.
FLORIDA
Bradenton....Montgomery-Roberts Co.
Lakeland....Benford's Bootery
St. Petersburg....W. L. Tillinghast
GEORGIA
Albany....McLaughlin-Jones Shoe Co., Inc.
Atlanta..Rich's, Inc., Queen Quality Shoe Dept.
Augusta....Saxon-Cullum Shoe Co.
Columbus....Miller-Taylor Shoe Co.
Macon....Macon Shoe Co.
Savannah....Globe Shoe Co.
Valdosta....W. M. Oliver & Co.
Waycross....Churchwell
IDAHO
Boise....White's Boot Shop
Pocatello....Peoples Store
ILLINOIS
Bloomington....Gerhart Shoe Co.
Champaign....Roy Fenster
Chicago....Carson, Pirie, Scott & Co.
Danville....B. D. Kiningham
Decatur....Raupp & Son
Galesburg....W. A. Anderson & Co.
Joliet....L. F. Beach Co.
Kankakee....The Chicago Store
LaSalle
True-Fit Bootery, M. J. Wisnieski, 605 First St.
Ottawa....J. Megaffin & Son
Paxton....A. J. Laurence & Son
Peoria....Myers & Myers
Princeton....Anderson & Mosshart
Quincy....N. Heintz & Son
Rock Island....The Boston Store
Springfield....Myers Bros.
INDIANA
Anderson....Fadely & Ulmer
Evansville....Baynham Shoe Co.
Hammond....J. Schleer Sons
Indianapolis....L. S. Ayres & Co.
Kokomo....G. T. Molden & Co.
La Fayette....B. G. Utter Shoe Co.
Logansport....Elias Winter & Sons
Muncie....The [illegible] Shoe House
Richmond....[illegible] & Kreimeier
Terre Haute....[illegible] Shoe Store
IOWA
Cedar Rapids....[illegible] Killian Co.
Clinton....McConegle & [illegible] Boot Shop
Dubuque....[illegible] Co.
Des Moines....[illegible] Bros. Inc.
Iowa City....[illegible] Boot Shop
Sioux City....[illegible] Shoe Co.
Waterloo....James A. [illegible] D. G. Co.
KANSAS
Hutchinson....Rorabaugh-[illegible] D. G. Co.
Salina....Rorabaugh Stores Co.
Wichita....[illegible] Sternbeck
KENTUCKY
Ashland....[illegible] Shoe Store
Bowling Green....[illegible] Bros.
Hopkinsville....Wall & McGowan
Lexington....[illegible] Bootery
Louisville....[illegible] Shoe Co.
Paducah....J. A. [illegible] & Sons
Winchester....Smith's Boot Shop
LOUISIANA
Lafayette....[illegible] Shop
Marksville....[illegible] Ehler
New Orleans....D. H. [illegible] Co. Ltd.
MAINE
Augusta....Quality Shoe Store
Bangor....John [illegible] Co.
Lewiston....Morrell & Prince
Portland....I. Miller c/o Eastman Bros. & Bancroft
Skowhegan....Jerry Cole
Waterville....The Gallert Shoe Store
MARYLAND
Baltimore....Hutzler Bros.
MASSACHUSETTS
Boston....R. H. White Co.
Brockton....Allen's Shoe Store
Holyoke....Thos. S. Childs
Lawrence....George Lord & Son
Pittsfield....England Bros.
Worcester....Heywood Shoe Store
MICHIGAN
Ann Arbor....Wm. Goodyear & Co.
Battle Creek....Westcott's Boot Shop
Bay City....Levy and Eichhorn
Detroit....J. L. Hudson Co.
Escanaba....Young & Fillion Co.
Flint....Rosenthal's
Jackson....L. & E. Bootery
Kalamazoo....Bell Shoe Co.
Lansing....Shubel Shoe Co.
Marquette....Louis Persitz
Owosso....Shubel Co. in D. M. Christian Dept. Store
Saginaw....Wm. Barie D. G. Co.
Sault Ste. Marie....Passmore & Paquin
MINNESOTA
Albert Lea....Thompson & Hedemark
Duluth....I. Freimuth
Fergus Falls....J. C. Muenzer
Hibbing....Nides Fashion Shop
Mankato....Wood & Sterling
Minneapolis....Home Trade Shoe Store, Inc.
Rochester....Baker & Steinbauer
Saint Paul....The Golden Rule
Virginia....Alexander Reid
MISSISSIPPI
Greenville....Johl & Bergman
Greenwood....W. T. Fountain, Inc.
Grenada....Heath Bros.
Gulfport....G. E. Northrop Co.
Jackson....R. E. Kennington D. G. Co.
McComb....E. H. Martin Shoe Co.
Vicksburg....Sages Bootery
MISSOURI
Jefferson City
Weatherby Shoe & Furn. Goods Co.
Kansas City....Harzfeld's
Mexico....Wilkins Bros. Shoe Co.
Moberly....Berger D. G. Co.
Springfield....Knox Shoe Co.
St. Charles....Jack Stahlschi Clothing Co.
St. Joseph....Block Bros. Clothing Co.
St. Louis....Scruggs-Vandervoort-Barney
MONTANA
Butte....Hubert's
Helena....Thistlewaite Shoe Co.
NEBRASKA
Lincoln....Haneys Shoe Store
Omaha....Thomas Kilpatrick & Co.
York....Sterling Shoe Store
NEW JERSEY
Atlantic City
"Figo," Fisher & Goodfriend { Pacific at Virginia Ave. / 1913 Boardwalk
Bayonne..Hudson Shoe Co. (I. Greenberger)
Clifton....A. Buffone
East Orange
Junior Vogue Shoe Store, 516 Main St.
Elizabeth....Levy Bros.
Hackensack....Urdang's Shoe Store
Morristown....M. Epstein
Newark....L. Bamberger & Co.
Passaic....M. Breder, 22 Lexington Ave.
Perth Amboy
Junior Vogue Shoe Store, 164 Smith St.
Plainfield....M. C. VanArsdale, Inc.
Ridgefield Park..Model Shoe Shop, 209 Main St.
Trenton....Allen's Boot Shop
Union City....Taff's Overland Shoe Co.
Vineland..B. Melletz & Son, Boston Shoe Store

"Your Footprint in Leather" is now a daily enjoyment to many, many Monitor readers

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Matrix Shoes for the coming season will be in the very vanguard of fashion—ties, one-straps, and pumps to ensemble smartly with the costume creations of the leading couturiers. And, of course, they all have the exclusive Matrix feature—the sole moulded to fit every curve and arch of the foot like "Your Footprint in Leather". E. P. Reed & Co., Rochester, N. Y. Style Studio: 47 W. 34th St., New York, N. Y.

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Albany....Burgess Juvenile Shoe Shop
Auburn....Dusenbury
Binghamton....Kelsey Shoe Shop
Brooklyn..Abraham & Straus, 422 Fulton St.
Alben Shoe Shop, 4403 13th Ave.
Benjamin Shoe Shop, 1613 Pitkin Ave.
Berlin Shoe Shop, 820 Nostrand Ave.
Charles Gordon, 1560 Flatbush Ave.
A. Goldschlag, 819 Blake Ave.
Guarantee Shoe Shop, 178 Fifth Ave.
D. Pelcyger, 1214 Kings Highway
Uzmann, Inc., 1522 Broadway
Buffalo..The Matrix Boot Shop, 249 Del. Ave.
Canandaigua....Davidson & Son
Geneva....Conniff Shoe Co.
Hudson....Taylor & Dinehart
Jamestown....C. J. Anderson
Lake Placid....Lester M. Cantin
Middletown....Frank A. Monaghan
Mt. Vernon
Yorke Shoe Store (L. A. Grossman)
Newburgh....John Schoonmaker & Son, Inc.
New Rochelle
Kramer's Shoe Shop, 575 Main St.
New York..Barmann Shoe Co., 153 E. 42nd St.
Bloomingdale Bros., Inc., 59th & Lex. Ave.
Cammeyer, Fifth Ave. at 38th St.
Horn & Levin, 30 E. 170th St.
Junior Vogue Shoe Store { 3582 Broadway / 2545 Broadway
Kramers Shoe Shop { 2212 Broadway / 2582 Broadway
M. Katz, 466-468 Sixth Ave.
N. Ostrow, 778 E. Tremont Ave.
Long Island
Far Rockaway....A. L. Nebenzahl
Jamaica..Green Bros., 165-22 Jamaica Ave.
Queens Village
Sol Roseman, 215-19 Jamaica Ave.
Richmond Hill
Max Goldschlag, 118 Liberty Ave.
Rockville Center
J. & E. Lutz, 10 N. Village Ave.
Niagara Falls....John Flynn & Son
No. Tonawanda....Fred W. Pick
Ogdensburg....Burke Bros.
Olean....Hannifan & Maroney
Oneida....House's Shoe Store
Port Chester....Rogowsky's Shoe Shop
Potsdam....Sullivan Shoe Store
Poughkeepsie....Luckey, Platt & Co.
Rochester....B. Forman Co.
Saratoga Springs....Moore's Bootery
Schenectady....H. S. Barney & Co.
Syracuse....W. I. Addis Co.
Troy....Quackenbush & Co.
Utica....C. Sautter's Sons
Watertown....E. P. Elitharp
White Plains....W. J. White
NORTH CAROLINA
Asheville....Bon Marché Shoe Dept.
Charlotte....Belk Bros.
Durham....Dickey-Bobbitt-Foster Co.
Fayetteville....Jennings Shoe Store
Gastonia....Matthews-Belk Co.
New Bern....Thompson Shoe Store, Inc.
Raleigh / Rocky Mount / Wilson } ....Roscoe Griffin Shoe Co.
Winston-Salem....Belcher-Forlaw Co.
NORTH DAKOTA
Fargo....Moody-Clark Co.
Minot....Ellison's, The Fair Dept. Store
Valley City....Story's Boot Shop
OHIO
Alliance....Spring-Holzwarth Co.
Canton....Halle Bros. Co.
Cincinnati....The Mabley & Carew Co.
Cleveland....The Higbee Co.
Columbus....T. D. Reilly Shoe Co.
Findlay....Mack L. Shoupe
Lima....R. T. Gregg & Co. / Sill Shoe Co.
Lorain....Hageman Shoe Co.
Marion....John Stoll Shoe Co.
Painesville....Carl G. Grant Co.
Sandusky....[illegible], 151-153 Columbus Ave.
Springfield....The Nisley Shoe Co.
Warren....The Halle Bros. Co.
Zanesville....Taylor Shoe Co.
OKLAHOMA
Lawton....Curlee's Booterie
Oklahoma City..Rorabaugh Brown D. G. Co.
Ponca City....Harold L. Barnes Shoe Co.
Tulsa....Vandever's
OREGON
Portland....Ray Hardebeck
PENNSYLVANIA
Allentown....H. Leh & Co.
Altoona....A. Simon & Co.
Carlisle....H. T. Herman
Chester....Mayer's Shoe Store
[illegible]....Hooper & Long
Erie....Trost & Lacey
Harrisburg....A. M. Miller
Hazleton....Landerback & Co.
[illegible]....Taylor's
Johnstown....Penn-Traffic Co.
Lancaster....Wilbur & Martin Co.
Lebanon....Arnold's Boot Shop
[illegible]....[illegible] Shoe Store
McKeesport....The Kay Co.
[illegible]....Peter Miller's Son
[illegible]....20th Century Shoe Co.
New Castle....Davis Shoe Co.
Pen Argyl....A. D. Frey
Philadelphia
H. [illegible] Quality Shoe Shop, [illegible] Germantown Ave.
[illegible], 1700 Chestnut St.
Gimbel Brothers
[illegible], 2522-24 N. Front St.
[illegible], 6127 Ridge Ave.
[illegible], 60th & Susquehanna Ave.
[illegible], 5th & McKean Sts.
Pittsburgh....Kaufmann's (The Big Store)
F. [illegible] & Son, Penn & Frankstown Ave.
Pittston....Evans Bros.
Pottsville....[illegible] Bootery
Reading....Pomeroy's
Scranton....W. A. Gownley
Sharon....Davis Shoe Co.
Sunbury....20th Century Shoe Store
Uniontown....Campbell-Hathaway Co.
Warren....Metzger Wright Co.
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Wilkes-Barre....Pomeroy's
York....Edw. Reineberg
RHODE ISLAND
Providence....F. E. Ballou Co.
SOUTH CAROLINA
Columbia....Sexton-Cullum Shoe Co.
Greenville....Patton, Tilman & Bruce
Newberry....Hallivanger & Carpenter
Rock Hill....A. Friedheim & Bros.
Spartanburg....Wright-Scruggs Shoe Co.
SOUTH DAKOTA
Huron....Robinson Shoe Co.
Mitchell....Feinstein Bros. Inc.
Watertown....Sperling Shoe Co.
TENNESSEE
Chattanooga....[illegible] Booterie
Clarksville....[illegible]
Knoxville....[illegible] Shoe Co.
Memphis....John Gerber Co.
Nashville....Bell's Booteries
Union City....Morgan-[illegible] Co.
TEXAS
Austin....French Boot Shop
Beaumont....Imperial Shoe Store
Brownwood....Hemphill-[illegible] Co.
Cameron....Cheeves Bros.
Dallas....Titche-Goettinger Co.
Fort Worth....Washer Bros.
Houston....Krupp & Tuffly
Marlin....R. E. Cox D. G. Co.
Mineral Wells....Paxton D. G. Co.
San Angelo....Baker-Hemphill Co.
San Antonio....Frank Bros.
Stephenville....R. E. Cox D. G. Co.
Waco....Davis Booterie
Wichita Falls....Perkins Timberlake Co.
UTAH
Salt Lake City
Zion's Co-Operative Mercantile Institution
VIRGINIA
Charlottesville...J. N. Waddell Shoe Co., Inc.
Danville....Belk-Leggett Co.
Lynchburg..C. M. Herring, Inc., c/o Millner's
Norfolk....Smith, Balance & Nunn
Richmond....F. W. Dabney Co.
Roanoke....Propst-Childress Shoe Co.
WASHINGTON
Seattle....Rhodes Dept. Store
Tacoma....Pessemiers Bootery
WEST VIRGINIA
Bluefield....Bluefield Shoe Co.
Charleston....May Shoe Co.
Fairmont....J. M. Hartley & Sons Co.
Huntington....Anderson-Newcomb Co.
Morgantown....The Fashionable Shoe Store
Wheeling....Stone & Thomas
WISCONSIN
Berlin....Hamilton Shoe Store
Fond du Lac....Jahn's Shoe Store
Green Bay....Stiller & Tombal Co.
La Crosse....Rivoli Shoe Store
Manitowoc....Henry Spoentgen
Marshfield....Louis Laemle, Inc.
Milwaukee....T. A. Chapman Co.
Neenah....Meyer's Bootery
Rhinelander....Norman Danner
Wausau....C. B. Mayer Shoe Co.
Sheboygan....Schils Shoe Shop

If this list shows no Matrix representative in your town, please send us the name of the store you would like to see handle Matrix Shoes

ART GRAVURE CORPORATION, NEW YORK, N.Y., CHICAGO, ILL. AND CLEVELAND, O

World Achievement Section—Part IV

THE CHRISTIAN SCIENCE MONITOR

Boston, Massachusetts January 7, 1932

RESEARCH AND INVENTION

PHYSICISTS bombard the inner citadel of the atom. Metallurgists evolve strange new alloys. Laboratory workers leash millions of volts of artificial lightning. Astronomers take the measure of an expanding universe. Research, bending to new tasks, writes bold achievements upon the record of 1931. Economic stress adds a deeper purpose to the effort of the natural scientists and spurs commercial adoption of new methods and new inventions.

Industries which in more opulent times might have been satisfied with their products have sought improvements in order to increase their markets. Inventions long held in reserve have been placed in production. And funds for research, rather than being reduced, have in many instances been increased. This has been true not only for commercial [illegible] but for basic scientific investigations, the fruit of which cannot immediately be harvested.

Technical progress, bringing refinements to many industries, has enabled [illegible] to climb from an experimental [illegible] to a standardised [illegible]. At the same time, technical research is laying the basis for entirely new industries. Industrial experts believe that they discern the beginning of one [illegible] new development in the progress made in "air conditioning." Improvements in this field hold promise of making it possible for offices and homes to control the heat of summer as readily as is at present done with the cold of winter.

Men who work with metals may look upon 1931 as a year of significant progress. A single example illustrates the accomplishments. Fifteen years ago silicon and iron were put together, producing a metal of great hardness. Silicon-iron cutting tools became used in making all manner of devices from vacuum cleaners to automobiles. During the past year engineers discovered that manganese and iron could be fused in a vacuum furnace and even harder metal is the result. Machines that make other machines were enabled to work at much greater speeds. But the cast-iron frames of the machines were not sturdy enough to stand the higher pressure. Engineers began to make their machines out of steel. The makers of cast iron undertook more research in order to make cast iron stronger. They conducted numerous experiments. Finally they discovered a very simple thing. They heated the cast iron just 300 degrees hotter than was usually done before it was poured. When it cooled they found they had a metal two to three times stronger than any castings they had made before.

Metallurgists, looking into the minute portions of metallic crystals with the aid of X-rays, discovered methods of making new alloys. Progress in this field is regarded as one of the outstanding technical accomplishments of recent years to which contributions of 1931 were notable. No longer is it necessary for the technician to study to find uses for new metals. The process is reversed. If a machine requires a metal with properties that cannot be found in any known substance, the metallurgist is consulted. X-ray studies have taught him the molecular structure needed to give the required properties—whether they be strength or elasticity. By combining metals he can produce an alloy that fits the need.

Thus new metals were developed that give greater efficiency in electrical transformers and keep kitchen pots and pans bright without scouring. In Sweden a process of making rustless iron through permeating its surface with aluminum was discovered. In Germany the strength of silicon-aluminum alloys was increased by casting under pressure. A method of plating other material with tungsten, a process which long defied the chemists, was developed in the United States.

Commercial research and [illegible] of pure scientific studies brought such [illegible] artificial sponges, artificial pumice, building [illegible] bearings which can be lubricated with water, cloth which is made from grass, synthetic rubber which is really elastic, fireproof metal wall board made from the slag of blast furnaces, photographs that may be taken in a totally dark room by the aid of infra-red rays, a sextant that can "shoot the sun" in the foggiest weather, and new improvements in power ranging from a boiler which operates at twice the steam pressure of modern commercial installations, to renewed research in the problem of utilisation of the tides for the generation of electricity.

During the year, improved methods of testing were put into widespread use. Not long ago the engineer had to pull a cable apart to see how strong it was. Now he "looks" inside it with the aid of X-rays. He is enabled to "test his cable and have it, too." A similar development aids the testing of steel rails. A magnetic device runs slowly along the tracks. Variations in the steel of the rails are recorded by a pencil that moves across a chart. Wherever there is a flaw, the pencil jumps, and at the same time a brush sweeps across the rail and paints the spot which is later to be removed. Devices of this type, not long ago confined to laboratory use, have made their appearance in commercial form.

Iron so highly purified that it has many of the qualities of copper was successfully made in Germany. Improved methods of manufacturing metallic zinc by the use of gas instead of coal resulted in manufacturing economies. Surface hardening of stainless steels saw development of new methods. Experiments in the manufacture of stainless steel with the use of zirconium instead of manganese were brought to a satisfactory conclusion. Widespread progress was made in the development of new methods of welding, overcoming recent objections to the fabrication of welded steel buildings. The year saw welded construction extended in England to the building of an entire oil engine frame from welded plates. Not only do such developments mean progress; they prepare the way for greater accomplishments that are to come.

PURE natural science research, spurred to increasing effort, brought the technical world a vast heritage of new information. The last gap in the list of basic elements was filled with discovery of Element 85 by Alabama Polytechnic Institute physicists, headed by Prof. Fred Allison, following previous research which brought Element 87 into the realm of definite knowledge.

Prof. Arthur H. Compton measured the length of X-rays with an accuracy of one one-hundred-thousandth of a millionth of an inch. Dealing with somewhat larger things, Dr. Paul R. Heyl, of the United States Bureau of Standards, found that the earth weighs six thousand million million million tons.

German research confirmed the Einstein theory that the speed of light is absolute. And Dr. Albert Einstein himself was at work upon new theories of the geometry of space. The famous German physicist joined other natural scientists who during the year evolved dynamic theories of an expanding universe.

The inner citadel of the atom, believed by many physicists to be the storehouse of vast potential energy, was assaulted upon numerous fronts. Progress in this department of research is viewed as among the major developments in natural science. During the year what are said to be the first successful photographs of actual disintegration of the atom were made at Pasadena, Calif. The study disclosed the release of from 130,000,000 to 170,000,000 volts by atomic disintegration and led research students to calculate that the breaking up of the atom may produce voltages as high as 300,000,000. While atomic research progresses with the aid of cosmic rays—mysterious radiation, the source of which is as yet unknown—physicists continued efforts to find the origin of these ultra-short rays. Research at the University of Graz brought a possibility of return to the theory, once abandoned, that cosmic rays come from the sun. A new explanation of the source of gamma X-rays was written upon the year's record. Hydrogen, the simplest element of all, was found to share some of the complexities of other elements. Possibilities of further research were envisaged with development of new high voltage machinery which may place a tool of 15,000,000 volts in the hands of the research workers.

Astronomers looked further into the depths of the universe. At Mount Wilson astronomers continued the work begun many years ago by Prof. V. M. Slipher of the Lowell Observatory on the receding velocities of external galaxies. The "line shifts" in the spectra of certain very faint objects, if interpreted as usual as indicating motion, were found to show speeds as great as 12,000 miles a second. Further development of the theories of an expanding universe placed emphasis on the probability of a short time scale. Sir Arthur Eddington, for instance, argued that the universe cannot well be older than 10,000,000,000 years, while others pointed out that the longer time scale of not less than 10,000,000,000,000 years is strongly supported by a large amount of observational data. The Harvard-Cornell Expedition to Arizona for the study of shooting stars, which began work in and near Flagstaff in September, 1931, was the most elaborate scientific investigation ever made of the numerous problems of meteors. Two Cornell observers and five Harvard observers took part in the Arizona program. The results were considerably richer than anticipated. A group of meteor craters in Central Australia was discovered, indicating a large fall of stones or irons at some past time, comparable in significance with the great Meteor Crater of Arizona and the fall, in 1908, in northern Siberia.

As work proceeds with the new 200-inch telescope for the California Institute of Technology, the Perkins Observatory in Delaware, Ohio, erected its new 69-inch reflecting mirror, and the Harvard Observatory took steps for establishing a new station in eastern Massachusetts which will make special photographic studies of the sky. New studies showed the giant nebula, Orion, to be three times as far away from the earth as previously believed. Astronomers found that the new planet, Pluto, weighs about one-tenth as much as the earth. A giant double star was measured and found 184 times as massive as the sun. A method of making artificial eclipses promised new progress in solar observation.

Fundamental research of all types moves forward. The abstract discovery of today becomes the practical contribution of tomorrow. Through it all is an increasing recognition on the part of the engineer and the research specialist that human values are to be considered—that technological improvement can be made the handmaiden of social progress—that improved methods succeed only as they can be made to bring to humanity enlarged opportunities. Facts, hitherto unknown, by their very discovery become significant. But as they become illuminated, they broaden men's vision, widening the scope of achievement and heightening the promise of future accomplishment.

Drawn for The Christian Science Monitor by Paul R. Carmack

GENERAL VIEW OF SPAIN'S NEW HYDROELECTRIC PLANT AT SALTOS DEL DOURO

Electrification in Europe progressed rapidly during 1931. The Saltos del Douro plant in Spain is but one of the numerous projects carried forward on the Continent and in England and Ireland.

WHITE COAL TO RUN A RAILROAD

A portion of the lake of 10.4 square miles impounded by the Safe Harbor Dam. First generators of this $30,000,000 hydroelectric project in Pennsylvania began operation in 1931, nine months ahead of schedule. The plant eventually will supply a large part of the power on the Pennsylvania Railroad electrification between the Susquehanna River and Washington, D. C. The entire initial output of the project will provide power for the city of Baltimore, Md.

EDWARD MORRIS
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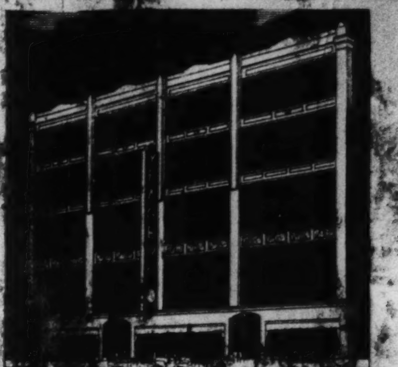

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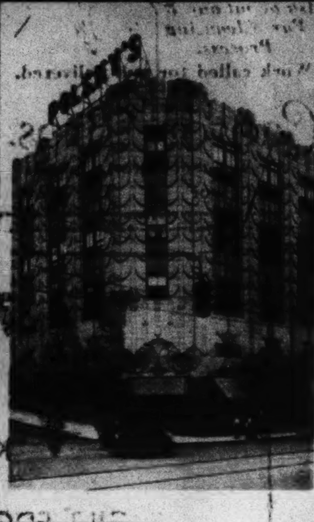

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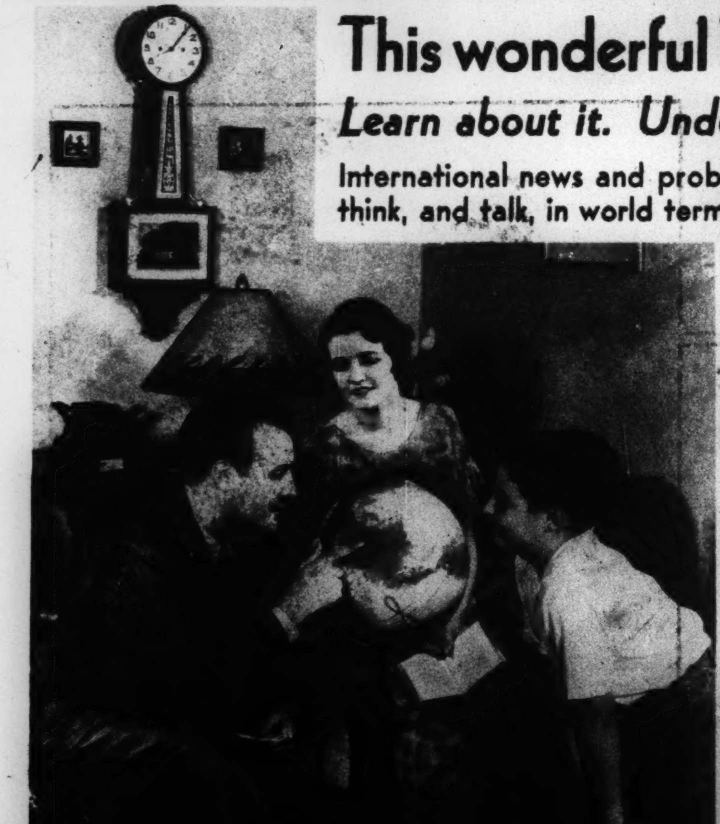

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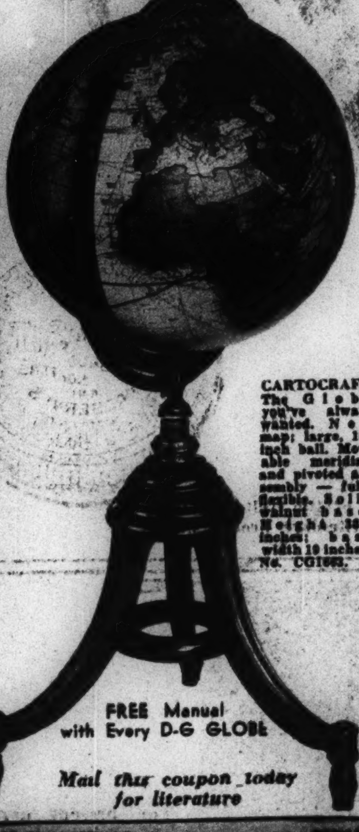
In illustration above: 12-inch Globe CG1203 The Washington.
Below: 12-inch Globe CG153 The Beaumont, for table use.



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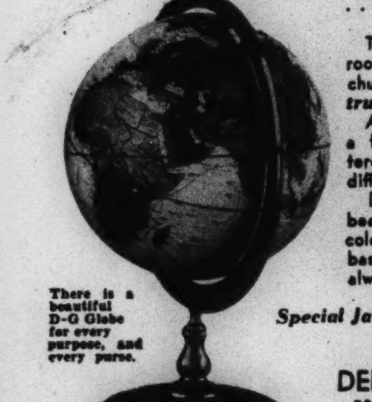

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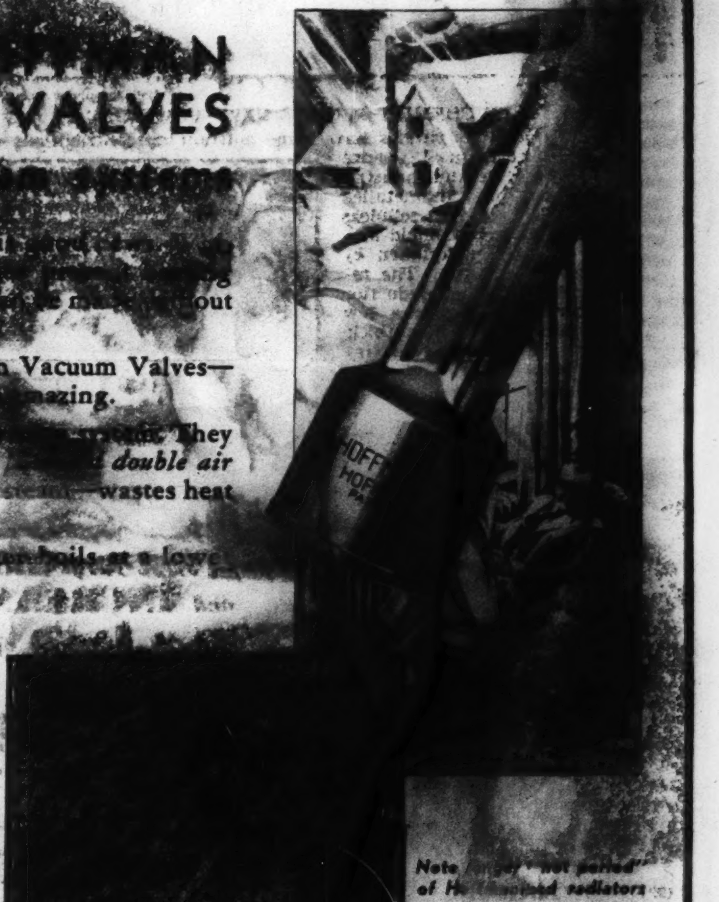

Note [illegible] of Hoffmanized radiators

If you heat your home with old fashioned steam heat, here is good news. By a simple, inexpensive change you can quickly convert your present heating plant into a modern *vacuum* system. A change so simple it can be made without even putting out the fire.

Merely replace old radiator air valves with No. 2 Hoffman Vacuum Valves—then enjoy an improvement in comfort and economy that is amazing.

These valves, with a few inexpensive fittings, *vacuumize* your heating system. They let out air from pipes and radiators—and keep it out with patented *double air locks.* For it is air in the system that resists free circulation of steam—wastes heat and fuel.

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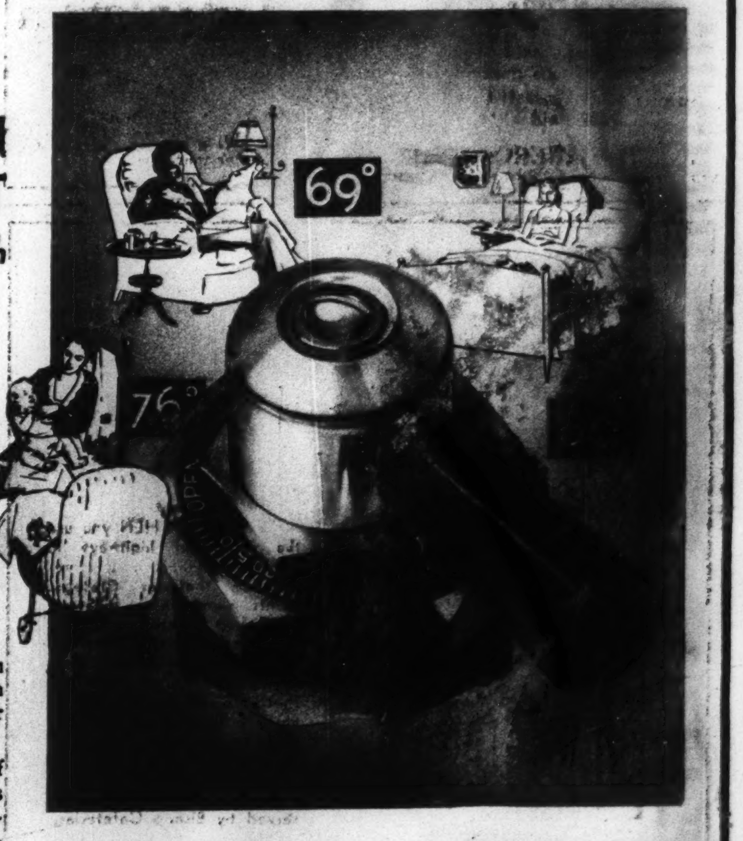
We have ready for you an interesting booklet which fully describes Hoffman Controlled Heat. Send the coupon for your copy.



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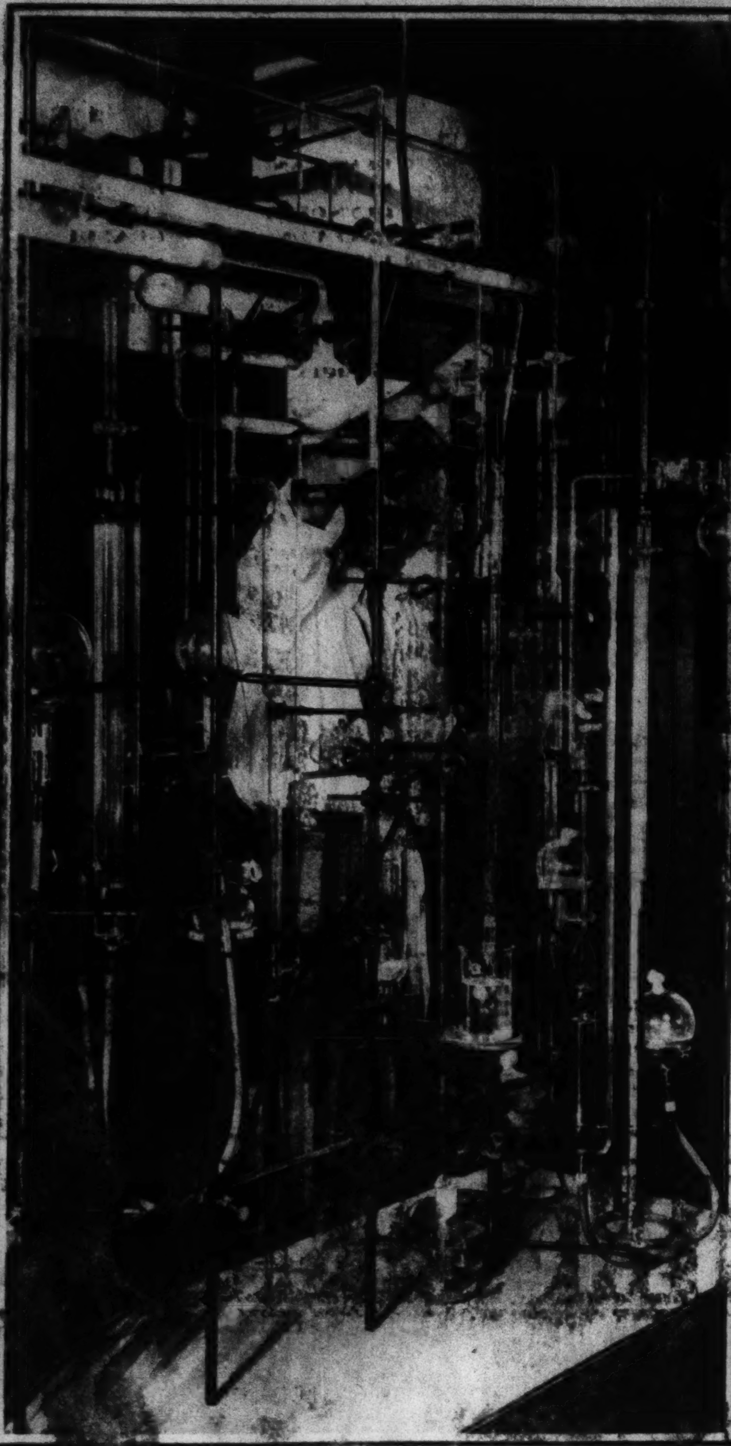

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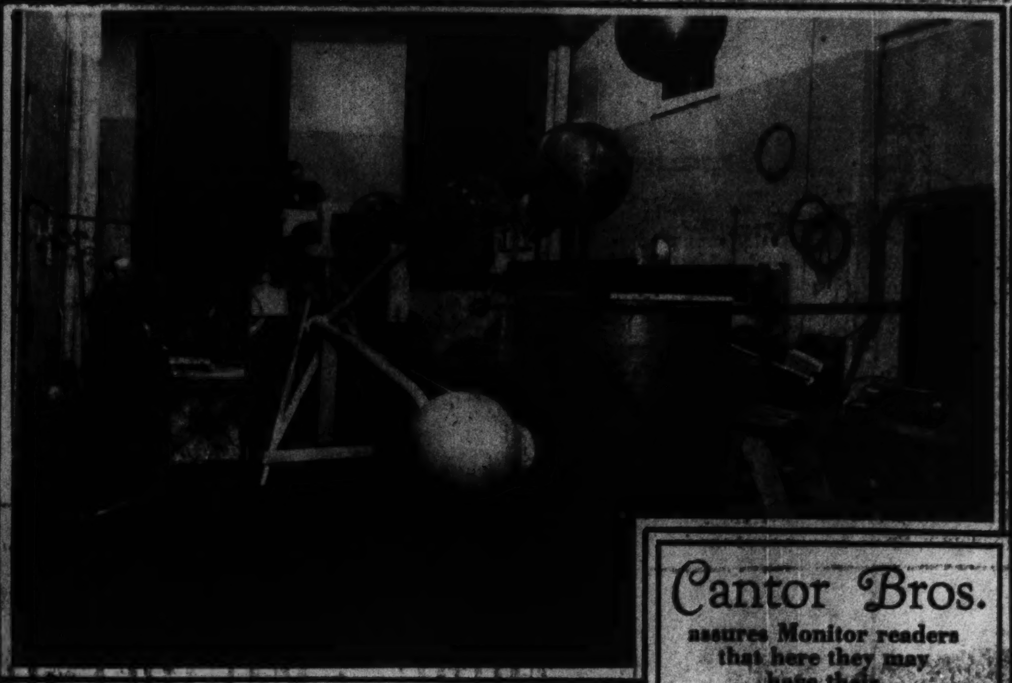

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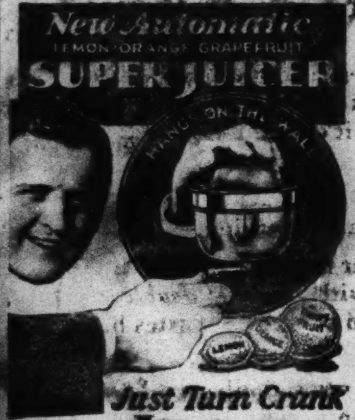

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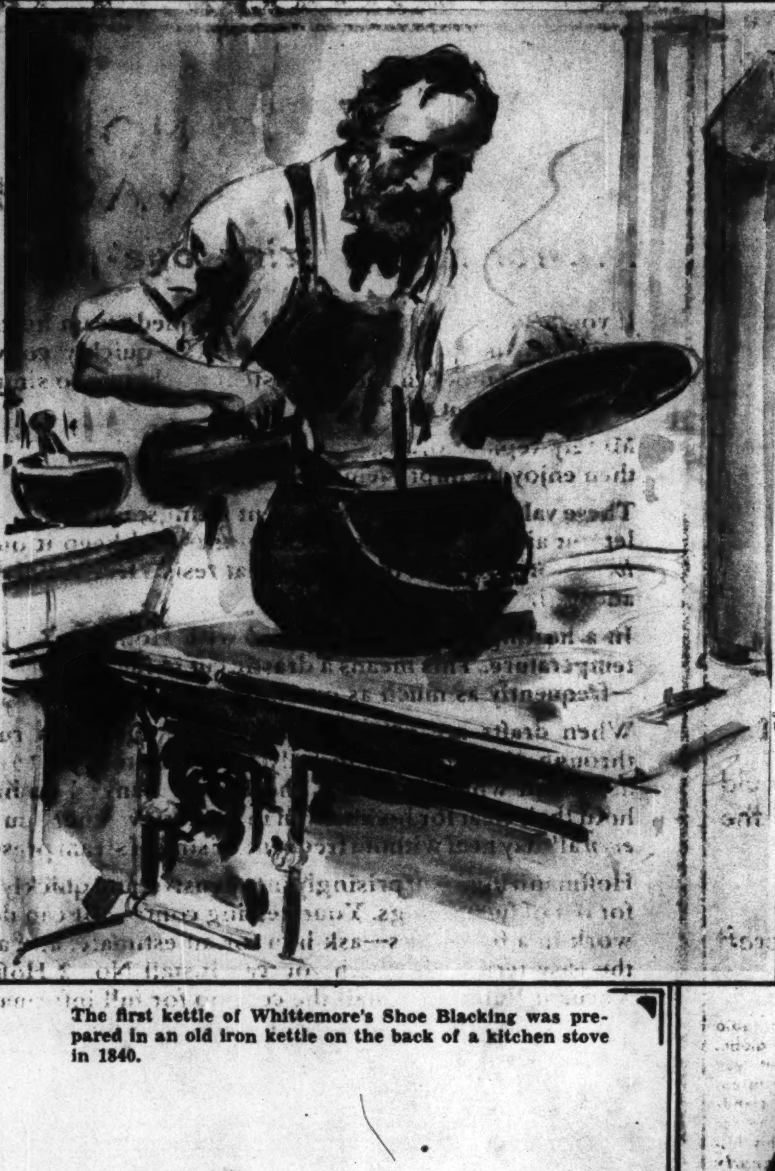

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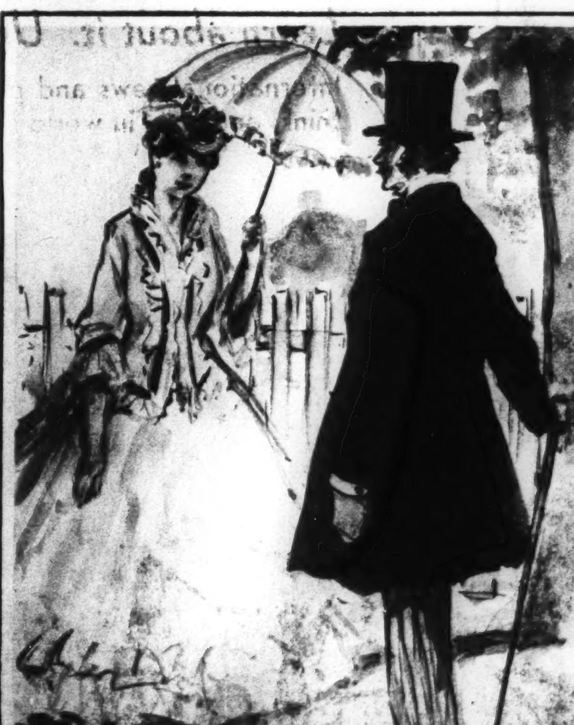

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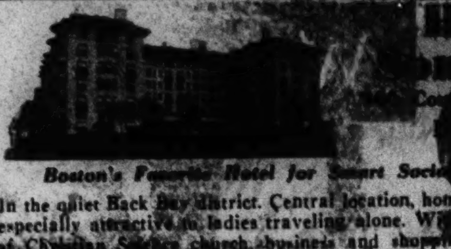

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(At left) [illegible] low as [illegible] with th[illegible] variable [illegible]

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In the new Filmo Model J Projector, Bell & Howell has offered 1931's outstanding development in the amateur movie art—a powerful projector which has brought new quality to motion pictures in the home and which has extended the use of 16 mm. films into new fields. With a new $92 price for the Filmo 75 Field Model Camera, Bell & Howell has afforded to thousands the delight of seeing the passing moment caught as in a magic glass and preserved in dynamic action. For a demonstration of Filmo Cameras and Projectors, see the nearby dealer. Or write for full information to Bell & Howell Co., 1805 Larchmont Avenue, Chicago; New York, Hollywood, London (B & H Co., Ltd.) Established 1907.

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OPEN SUNDAYS

PRIVATE BANQUET ROOM accommodating 25 to 350 persons for Meetings, Luncheons, Bridge Parties, Banquets, etc.

Techni-Photo, New York

WORK BEGINS ON RADIO CITY

New York's huge radio city ultimately [illegible] occupy [illegible] nearly all of three blocks. Initial award [illegible] over the [illegible] central unit—a [illegible]-story office building expected to contain more space than any other office structure, the International Music Hall with a 31-story office [illegible] and a sound motion picture theater.

[illegible] CING frontiers of radio not only [illegible] geo[illegible] cally during 1931 but were extended tech[illegible] known [illegible] of the spectrum were invaded in [illegible] short [illegible]—vibrations at the point where radio [illegible] light waves merge—were successfully used to carry [illegible] voice [illegible] the English Channel.

[illegible] ultra-short waves, because of their proximity to light frequencies, [illegible] the characteristics of light as well as radio waves. Thus the [illegible] finds at his disposal a medium in which there is no static. [illegible] can be focused like a spotlight and thus are highly directional. [illegible] they travel in a straight path and do not follow the curvature [illegible] this limits their range, vast possibilities are opened for [illegible] communication as well as for transmission of [illegible] detail.

[illegible] ahead with elimination of the pink light and [illegible]. Also the peep-hole stage has been [illegible] of persons to view the [illegible]

[illegible] such developments [illegible] with better light-[illegible] picking up the movement and better reflectors to amplify this pick-up. Electrical amplifiers which will take a much wider [illegible] therefore give [illegible] detail were developed. [illegible] transmission and reception [illegible] from all parts of the [illegible]-wave receiving set. A [illegible] invention which permits [illegible] ance to actually control the tuning of a receiver [illegible] America was developed, insuring elimination of the [illegible] of signals, cause of [illegible] short wave loss of clarity.

In the broadcasting field [illegible] giving the whole [illegible] chain stations the same high quality music as emanating [illegible] of a network. Thus has radio, now in the refinement [illegible] stage, made its mark of achievement in 1931.

Boston School of Interior Decoration and Architectural Design

[illegible] day and evening [illegible] courses

INTERIOR DECORATION

Professional Courses—T[illegible] busi[illegible] men and women [illegible] graduates.

Practical and Cultural C[illegible] art lovers.

European Travel Courses [illegible] art lovers and homemakers.

Send for catalogue [illegible] in all its phases.

Registrations may be made throughout the year [illegible] *the beginning of each lesson group.*

Entrance
140 Newbury St.

BOSTON, MASS. Telephone KEnmore 0140

Imposing New Entrance to . .

A Truly Metropolitan Store

Common acceptance grants McKelvey's the largest merchandise assortments between Pittsburgh and Cleveland . . . not so commonly known is the fact that McKelvey's diversity of departments is more varied than in most stores anywhere, regardless of size. Fashions, furnishings, and food [illegible] priced within the reach of everyone.

Mail orders given special attention.

McKELVEY'S

YOUNGSTOWN, OHIO'S LARGEST STORE

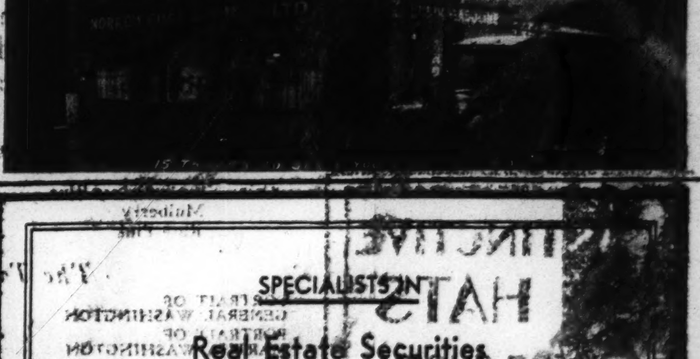
The Davis School

for the Child Needing Individual Care and Attention

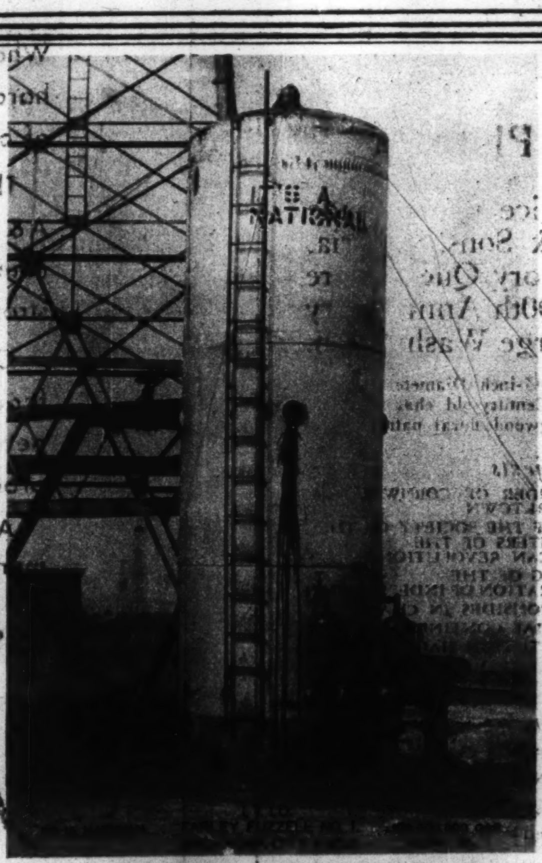
A Boarding Home [illegible] School

A few vacancies are available for the [illegible] beginning January 4. [illegible] illustrated booklet upon request.

[illegible] DAVIS, *Principal*
[illegible] Avenue
[illegible], Calif. [illegible] 7675



FROM THE
Martha Weathered Shops
where the loveliest ready-to-wear is obtainable
ONE SHOP in the DRAKE HOTEL
THE OTHER
where Misses apparel is carried
DIRECTLY OPPOSITE THE DRAKE
NORTH MICHIGAN AVENUE CHICAGO



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German Tourist

WORDS THROUGH THE NIGHT

Symbolic of the increase in radio facilities throughout Europe, the illuminated tower of one of Berlin's great radio stations rises above a huge exhibition hall.

G. P. A. Photos, Ltd.

[illegible] THE VOICE OF BRITAIN

From the 20 studios of [illegible] new home of the British Broadcasting Corporation [illegible] to every part of the [illegible] Empire. The [illegible] from the rest [illegible]

Located on Beacon Hill Next to the State House

Just a few minutes' walk to the theatre and shopping centers

Rooms without bath, $2.00 up; with bath, $3.50 up. Complete Restaurant and Cafeteria Service.

Hotel Bellevue

Beacon Street BOSTON

Grace's

231 Oliver Avenue
Pittsburgh, Pa.

"The distinctive shop for discriminating women"

HATS · GOWNS · WRAPS · UNDERWEAR · HOSE

Come down to the SUNSHINE CITY

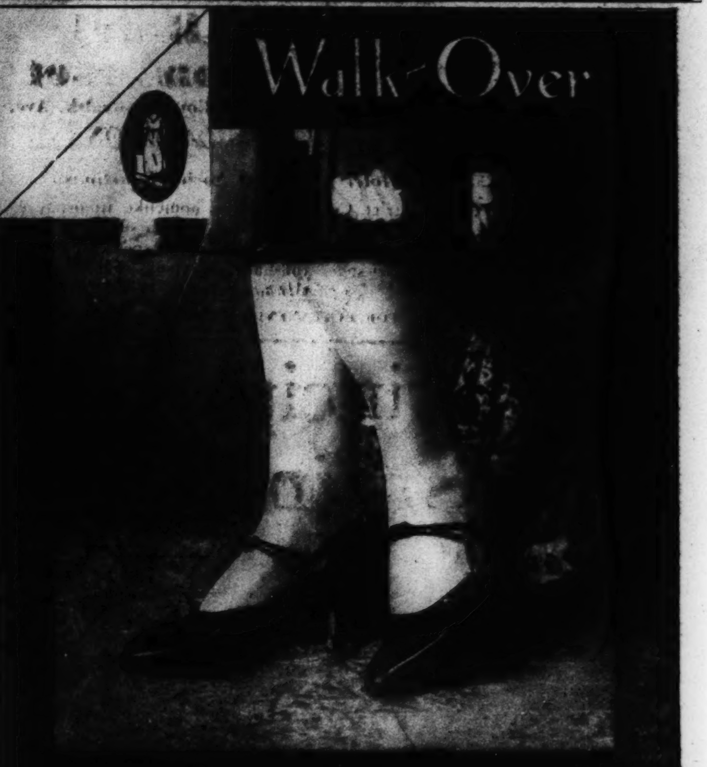
TODAY in sunny St. Petersburg thousands of happy people are playing outdoors . . . enjoying life at its best . . . And they have every kind of sport and recreation from which to choose, a greater variety of summer sport in winter than is offered by any other city of the South.

Golf on five courses in the city, a dozen within an hour's drive. Swimming, boating, fishing. Tennis, roque, lawn bowling. Shuffleboard, archery, trap-shooting. Riding, motoring, flying. These and many more to suit every mood and fancy.

Always something to see, to do, to enjoy. Wonderful climate. Accommodations to fit every taste. Come down to the Sunshine City and join the happy throng. For booklet write B. M. Deaderick, Chamber of Commerce.

St. Petersburg
FLORIDA - *the Sunshine City*

Walk-Over



Chic Fashions

Never has footwear been more charming in designs, more alluring in patterns. The Glima (illustrated) in Black Kid with heel of moderate height. $10.50

Walk-Over Shops

A. H. Howe & Sons, Inc.

170 Tremont St. Boston 378 Washington St.
2359 Washington St., Roxbury

DRAWING
PAINTING
ILLUSTRATION
COMMERCIAL
ART · · · ·
FOUR STORY
BUILDING
DAY and EVENING
CLASSES · · · CATALOG
ESTABLISHED 1912

The SCHOOL OF PRACTICAL ART

883 boylston st.
BOSTON MASS.

Boston's most distinctive Hotels

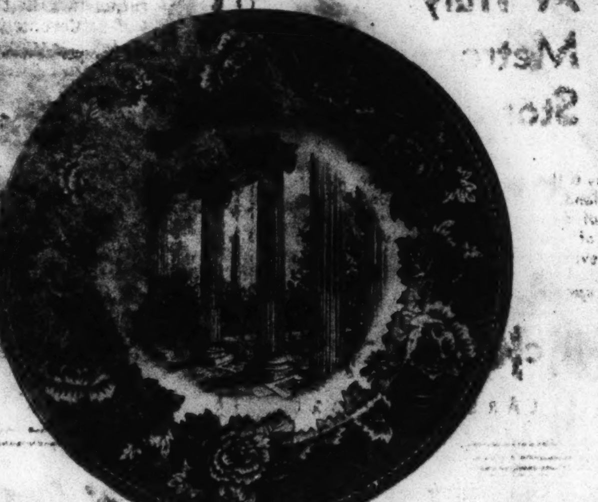
The CHARLESGATE

Overlooks the Charles River Basin and Back Bay Park

The charm of its spacious apartments, furnished to meet the approval of the most fastidious, offers every physical comfort of the modern home.

Within easy walking distance of the Christian Science Church.

[illegible]



Washington Plate

A SET of 12 dinner service plates made by Josiah Wedgwood & Sons, Etruria, England, of their famous ivory Queensware in commemoration of the 200th Anniversary of the birth of General George Washington.

Colors: Staffordshire Blue
Mulberry
Rose-Pink

10¼-inch Diameter
Border: Century-old characteristic Wedgwood floral pattern.

The Twelve Subjects

- PORTRAIT OF GENERAL WASHINGTON
- PORTRAIT OF MARTHA WASHINGTON
- MOUNT VERNON
- BIRTH OF THE AMERICAN FLAG
- WASHINGTON MONUMENT (From the South Portico of Memorial Continental Hall)
- INDEPENDENCE HALL
- SURRENDER OF CORNWALLIS AT YORKTOWN
- SEAL OF THE SOCIETY OF THE DAUGHTERS OF THE AMERICAN REVOLUTION
- SIGNING OF THE DECLARATION OF INDEPENDENCE
- OLD IRONSIDES IN CHASE
- MEMORIAL CONTINENTAL HALL
- CONSTITUTION HALL

Price $18.00 set of 12 DELIVERY DATE APRIL, 1932

These Plates Sponsored by the
NATIONAL SOCIETY OF THE
DAUGHTERS OF THE AMERICAN REVOLUTION

A significantly designated first edition will comprise all subscriptions taken up to January 31, 1932.

Orders may be sent to
TREASURER-GENERAL, N. S. D. A. R.,
Memorial Continental Hall, Washington, D. C.
or to your local Chapter Regent. Checks should accompany subscription.

These plates executed under the supervision of

JONES, McDUFFEE & STRATTON
BOSTON, MASS.

DISTINCTIVE HATS *for every occasion*

DURING JANUARY
New in-between Season Hats
$10 SPECIALLY PRICED

BLANCHE M. JOHNSON
12 West Street, Boston
Bigelow Kennard Bldg.

WHEN Hard Times COME A-KNOCKING AT THE DOOR

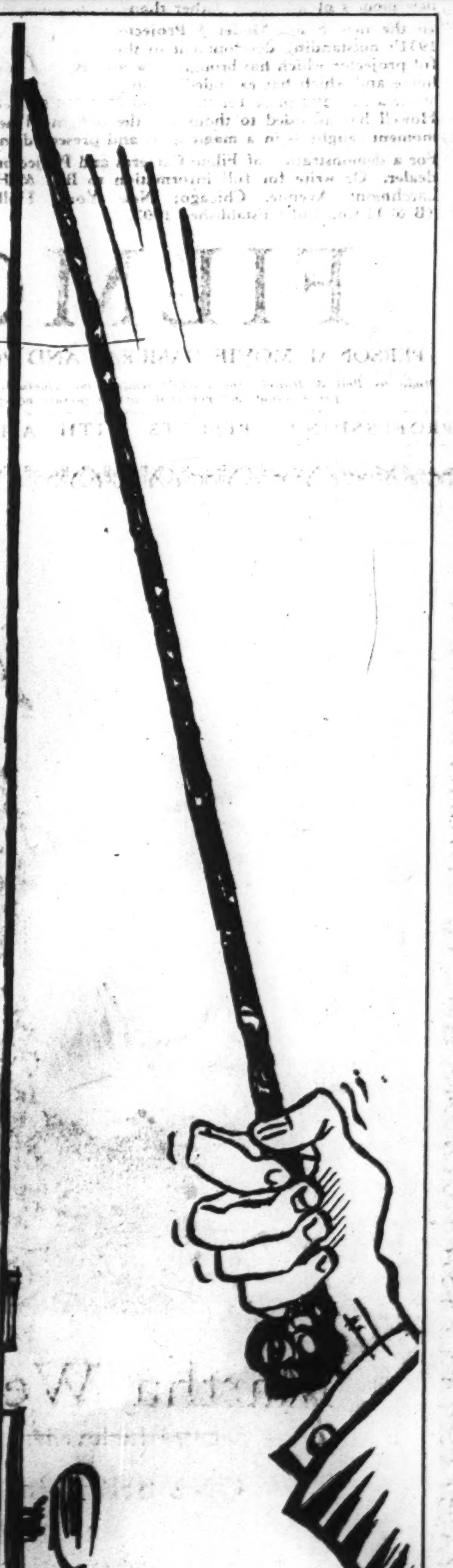
Whether or not, as some people think, times are harder today than they ever have been, we are sure of one thing:

There have been ten business depressions since A&P was founded in 1859; and, with the rest of the country, A&P has come through all ten of them stronger and better. We believe we can do it again.

Our part, as we see it, is to keep on selling more food for less money—thus making it possible for more people to buy more food—in turn, keeping more food producers busy, and making more jobs all around.

And it works. For today, besides furnishing a steady market for many growers and producers, we are employing 5,763 more workers in our own company than we did in 1929, the most prosperous year this country has known.

The Great
ATLANTIC & PACIFIC
Tea Co.



CONSTRUCTION GOES FORWARD UPON LEVEES TO CONTROL THE MISSISSIPPI RIVER

During 1931 conditions for work on lower Mississippi have been most favorable. Work progressed vigorously on the plan adopted by Congress under the flood control act of 1928. Centers of population immediately under levees at Cairo, Ill., Greenville, Ark., and New Orleans, La., have priority attention. [illegible] of Cairo has been strengthened by the completion of a setback [illegible] miles long at Bird's Point opposite Cairo to New Madrid, Mo. The levee system at the new grade and section at Greenville and above and below, is designed to hold a gauge at Cairo, thus giving safety to New Orleans without necessity of raising any levees below this flood area. Work on the Mississippi is ahead of schedule time and practically [illegible],000,000 cubic yards of earth have been placed. Work along the main line is one-half completed and should be finished in 1935. This leaves three years for execution of such other work as is necessary before completion in time set by Congress for entire project. It is estimated that some 3000 men are employed. The photograph shows work on the [illegible] Levee in the Lafourche Levee District, a project now more than half completed.

NEW YORK'S FRIENDLY HOTEL
In the midst of the city but away from the noise.
Near Largest Department Stores
Convenient to Churches and Theatres
1000 ROOMS WITH BATH
For One Person from $2.50 | For Two Persons from $4.00 | For Three Persons from $4.50
THE NEW YORK HOME OF MANY MONITOR READERS
Prince George Hotel
28th Street, Near Fifth Ave., NEW YORK A. M. GUTTERSON, Mgr.

IRRIGATING AN AREA AS LARGE AS CULTIVATED EGYPT

Early in 1932 water from the River Indus will be diverted through 6200 miles of canals and distributaries to Indian landholders in an area of 7,500,000 acres. This has been made possible through the construction, now nearly completed, of the Sukkur Barrage, a mile-long barrier which has been thrown across the River Indus at a cost bordering on £16,[illegible]00,000. The dam and canals will provide water to transform the Sind Desert into one of the most productive areas in northern India.

FLORIDA
CUBA—SOUTH
4 De Luxe Trains Daily 4
Via the Double Track—Sea Level Route
FROM PENN. STA., NEW YORK

THE MIAMIAN — Leaves 10.15 A.M.
GULF COAST LTD. — Leaves 10.15 A.M.
FLORIDA SPECIAL — Leaves 2.30 P.M. *One Night Out Service from Boston, 8:30 A.M. daily, via Colonial Express—connecting with Florida Special at New York or Washington.*
HAVANA SPECIAL — Leaves 10.15 P.M. *Provides through service from Boston, 4.00 P.M. on Monday, Wednesday and Saturday to the East and West Coasts of Florida.*

3 OTHER FAST THROUGH TRAINS DAILY
SHIP YOUR AUTO—Total Cost 3 tickets for car and 2 passengers
ATLANTIC COAST LINE
The Standard Railroad of the South
J. H. JOHNSON, N. E. A.,
294 Washington St., Boston Tel. Liberty 2112
Ask for "Tropical Trips" Booklet
28 HOURS
BOSTON to FLORIDA

We THANK YOU *for your* TRIUMPHS

You have been [illegible] good to us. [illegible] purchased FIFTY [illegible] more SUDANETTE yardage than in any previous year.
In family apparel you have shown your keen appreciation of SUDANETTE beauty and worth and economy. In multiple and multiplying ways, you have chosen the finest of all cotton fabrics that speaks so charmingly of richest silks and precious importations—yet wears, and holds its colors, through roughest tubbings and hottest sunnings so improvingly and unendingly.
Because of your emphatic preference for SUDANETTE advantages, we are appropriately grateful. You will meet us oftener in MONITOR columns in 1932. We hope you will be as happy and prosperous in the New Year as we expect to be.

SUDANETTE CO
[illegible] CHURCH STREET
NEW YORK CITY

SUDANETTE

LOWEST PRICES IN YEARS
1932

New Faces Registered at The Times Square Hotel In 1931

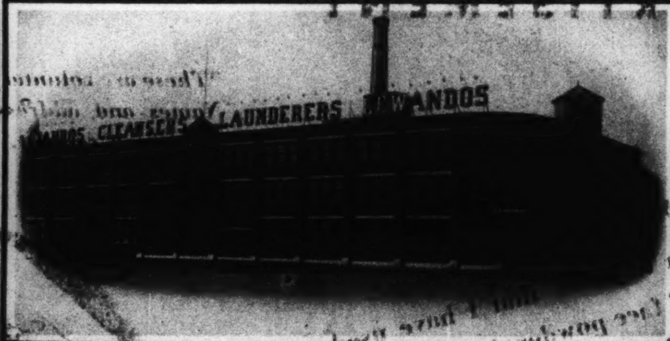
The past year was a prosperous one for us—so prosperous that we were able to install an R. C. A. Radio in each of our 1,000 outside rooms—to make your home at The Times Square even more pleasant and enjoyable.
Write for a copy of Chic Sale's humorous story on hotels.
SINGLE $2-$3. DOUBLE $3-$4.
HOTEL
TIMES SQUARE
Forty-third Street West of Broadway, New York

Fascinating . . .
Educational
PER-PLEX PUZZLES

"Where the Years Roll By"

Jig-sawed into interesting interlocking pieces, about 150 in number. Pictures by famous masters. An evening's entertainment for one or several.

$1.00 for 10 days only
Postpaid
Originally priced $2.25.
Size 9x12.
Write for illustrated list of subjects
Per-Plex Puzzle Co.
1126 Boylston Street, Boston, Mass.



More than a century of service

Established in 1829 Lewandos is one of the oldest if not the very oldest industrial enterprises in Watertown Massachusetts

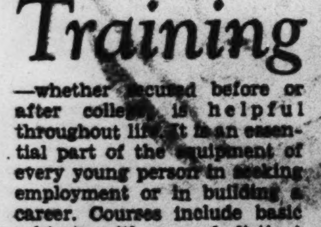
From a single employee—Mr A. Lewando—the concern has grown until today it carries 300 on the payroll at Watertown and about 100 in various receiving offices throughout the East

Lewandos has always made it a point to install the very latest and best equipment developed for the industry In 1928 a new building was erected in which were installed a pair of Smith vacuum cleaning machines together with filter press This equipment gives results in dry cleaning long thought to be impossible

New Building Erected in 1931

Another building was added last year to house what is said to be the most up-to-date Rug Cleaning Department known also modern Cold Storage Vaults We are now able to handle all household goods including Rugs Furniture Wearing Apparel and Furs to be cleansed repaired and put in cold storage

LEWANDOS
CLEANSERS—LAUNDERERS—FUR STORAGE
1 Galen Street Watertown Mass
"You Can Rely on Lewandos"



Burdett Training

—whether secured before or after college, is helpful throughout life. It is an essential part of the equipment of every young person in seeking employment or in building a career. Courses include basic subjects with several distinct opportunities for specialization. Instruction intensely practical. Close attention paid to individual needs. Separate courses for men and women.

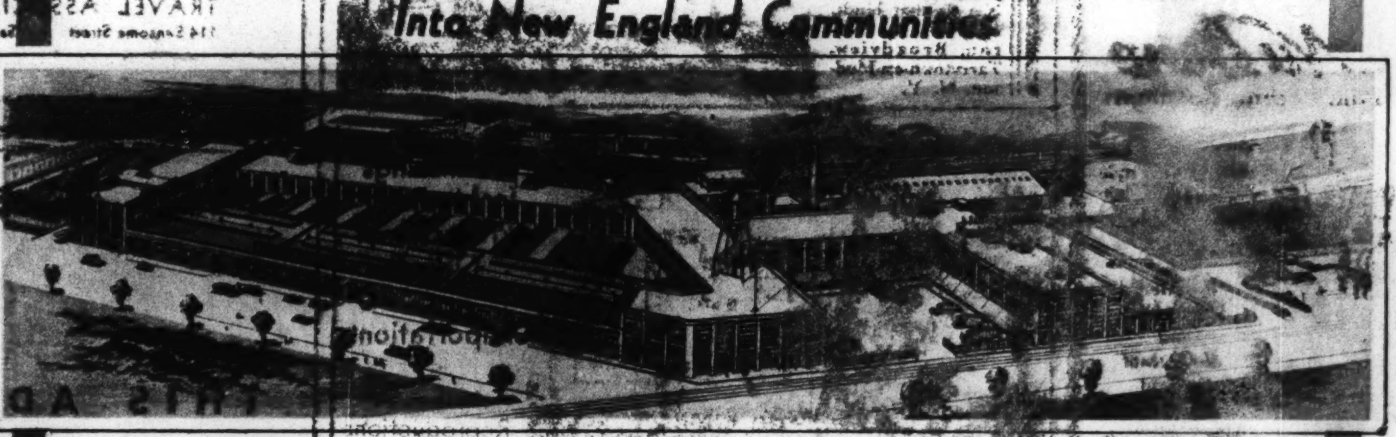
COURSES—Business Administration, Accounting, Office Management, Bookkeeping, Administrative [illegible], Executive Secretarial, Stenographic Secretarial, Stenographic, and Finishing.

Graduates of 70 colleges and universities in attendance the past year.

For new illustrated catalogue, sent without obligation, address F. H. Burdett, President.

BURDETT COLLEGE
A Professional Business School of College Grade
156 Stuart St., Boston, Mass.

Born and Raised in New England
and Paying Over Forty Million Dollars Annually Into New England Communities

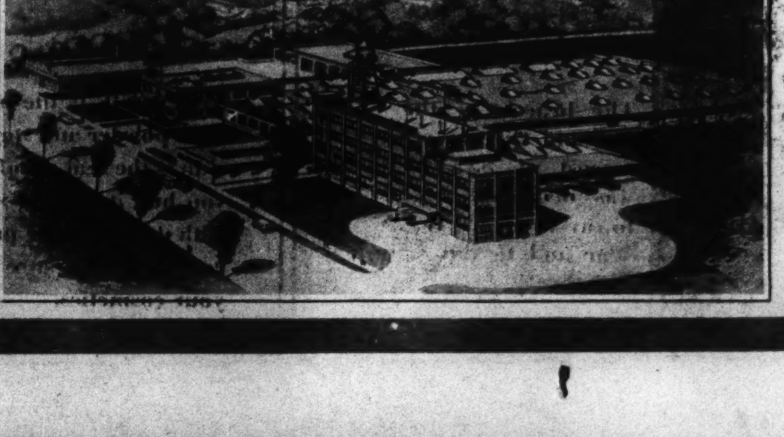


The Somerville, Mass., Base of the First National Stores, Inc. On approximately seventeen acres of floor space are housed Warehouse and Receiving and Shipping Departments for Groceries, Fresh Meats, Fresh Fish and Fresh Fruit and Vegetables, also Bread and Cake Bakery, Manufacturing Departments, Laundry, Print Shop, Garage, Cafeteria, Salvage Department and Administrative Offices.

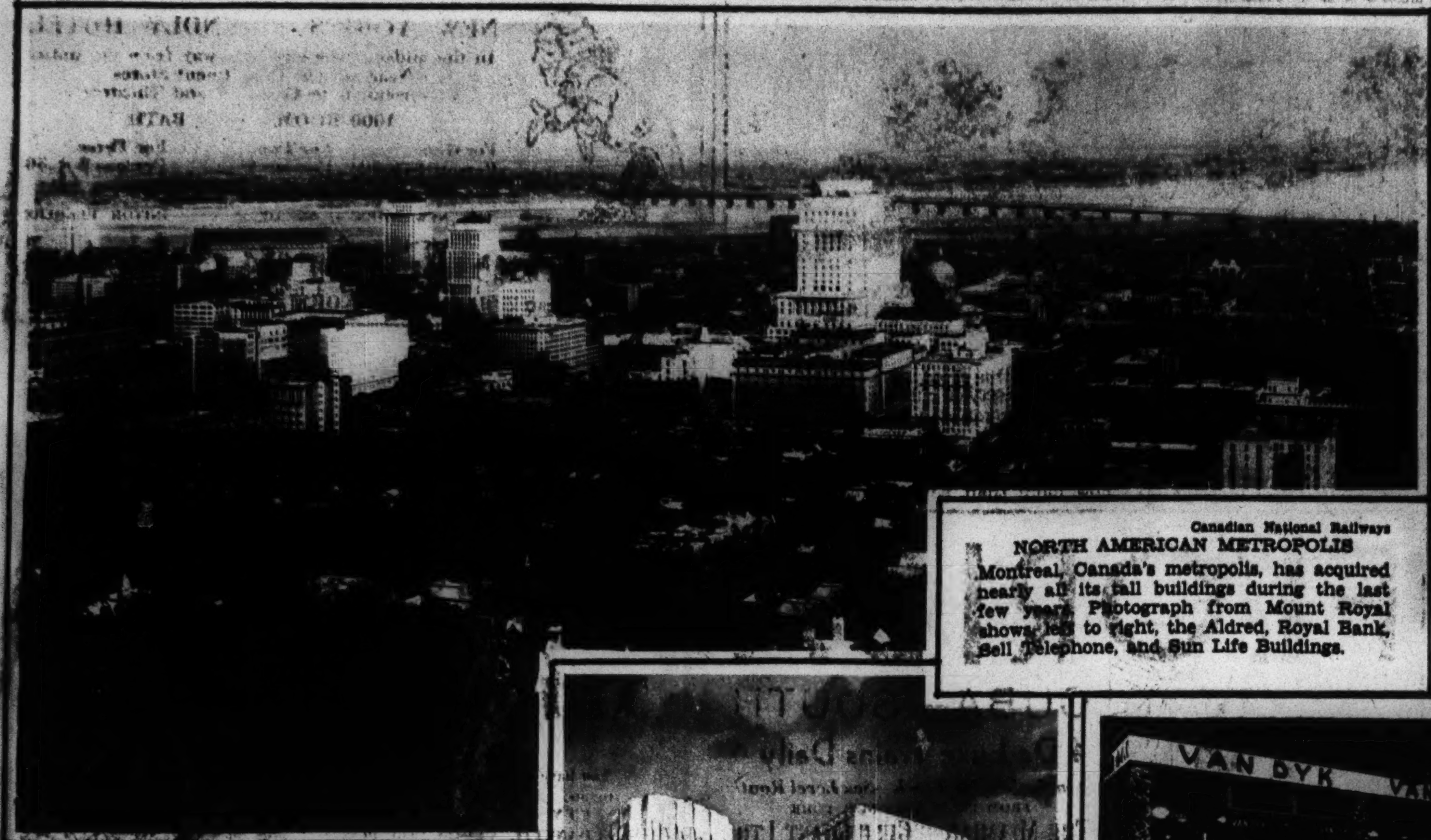
You know First National Stores for food value . . . .
But do you know. . . .

That over 70 per cent of First National Stores stockholders are New Englanders, 40 per cent of them women;
That in the 2600 and more First National Stores over 11 million dollars is paid to employees who spend their wages in the towns where they work;
That landlords and local real estate owners realize over 2¼ millions from rents paid into local communities by First National;
That First National pays the farmers and the factories of New England over 22½ millions annually for products sold in First National stores;
That First National pays close to a million dollars in direct taxes and nearly 5 million more for licenses, import duties and other forms of indirect taxation;
That First National's total direct and indirect tax contribution is 6 million dollars annually, the second largest cost of doing business;
That the total amount of money being paid into New England communities annually by First National Stores, Inc., is over 41¼ million dollars.

The East Hartford, Conn., Base. Included in this group is a Grocery Warehouse, a modern Bread and Cake Bakery, Fruit and Vegetable Building, and Garage



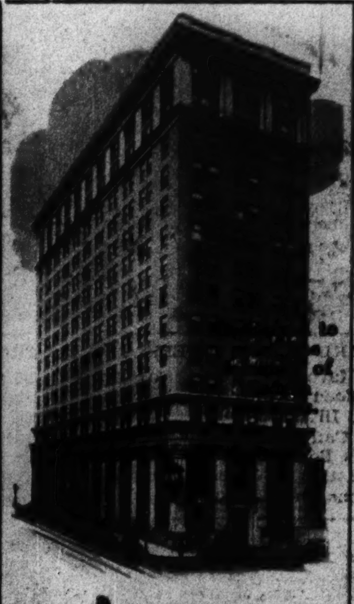
FIRST NATIONAL STORES
INCORPORATED
"Where New England Buys Its Food"



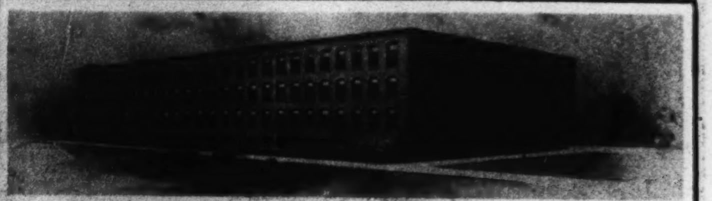
Canadian National Railways

NORTH AMERICAN METROPOLIS

Montreal, Canada's metropolis, has acquired nearly all its tall buildings during the last few years. Photograph from Mount Royal shows, left to right, the Aldred, Royal Bank, Bell Telephone, and Sun Life Buildings.

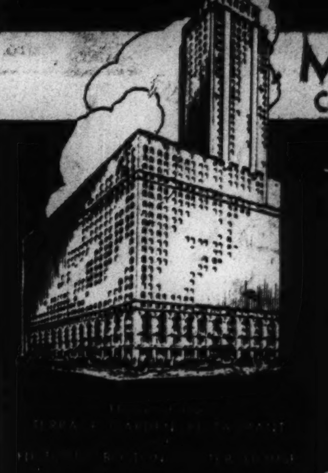


The **AMERICAN NATIONAL BANK**
OF PORTLAND
SIXTH AND MORRISON



Manufacturing Envelopes for New England
Over One Million Capacity Daily on All Types
BOSTON ENVELOPE COMPANY
31[illegible] CENTRE STREET JAMAICA PLAIN, BOSTON

Chicago's
MORRISON HOTEL
Corner of Madison and Clark Streets



You will find this hotel ideal. Centrally located. All outside rooms with bath, circulating ice water, bed-head reading lamp and Servidor. Automatic Garage facilities.

2500 ROOMS—RATES

Single Rooms . . . $3.00 to $5.00
Double Rooms . . . $4.50 to $7.00
Double Rooms with Twin Beds . . . . . $6.00 to $8.00
Suites . . . . . . $12.00 to $20.00
DeLuxe Bungalow with Three Master Bedrooms, Living Room, Dining Room, Library, Kitchen, Frigidaire $50.00

VAN DYK
VAN DYK

VAN DYK'S
REMODELED STORE AT
431-433 MARKET STREET
PITTSBURGH, PA.

ONE OF THE 28 VAN DYK FOOD STORES
Nationally Advertised in The Christian Science Monitor

IN SOUTHWEST

Phoenix, Ariz., sees completion of eleven-story Professional Building, tallest in that part of United States.

MELBOURNE, AUSTRALIA
The Standard Insurance Co. Ltd.
FIRE MARINE
Established Over [illegible] Years
Branches in All States
Victorian [illegible]
48 Market St. [illegible]
Tels. C 3001. [illegible]

World

UP IN HOLLAND

First of Dutch commercial skyscrapers, modernistic in treatment, built in [illegible] by the Rotterdam Electric Company.

Broadview

A complete progressive boarding and day school for girls. No contracts required. The happiness of the child is a tie that binds. [illegible] ton, Broadview, Tarrytown-on-Hudson, N. Y.

AUSTRALIA
and the **South Seas**
BY TROPIC ISLES TO THE MAGIC CONTINENT

●

Fit your tour with the great Sydney Harbor Bridge Opening Carnival, March 19, 1932.

●

Write for illustrated booklets, sailing lists or itineraries to

AUSTRALIAN NATIONAL TRAVEL ASSOCIATION
114 Sansome Street San Francisco

Clean Sweep
Fur Coats
and
Cloth Coats
for Men and Women

MARKED DOWN TO THE LOWEST PRICES IN YEARS

The warm weather of the past four months has left us with a large stock of Fur and Cloth Coats which we are now unloading. It will be to your advantage to see this stock.

Geo. L. Griffin & Son, Inc.
FURS
368-370 Washington Street, Boston
Telephone LIBerty 7619

NuBone
Foundation Garments

Mold your figure to the new style [illegible] lines.

Excellent Diaphragm and Abdominal Control

$8.45 Garment Illustrated
Others From
$5.95

The famous Nubone woven wire stay. Bends edgewise as well as flatwise. Guaranteed against rust or breakage.

Nu Bone Corset Shop
Room 750, Little Bldg., Boston
Telephone Hancock 1613
Call in and see us.
Openings for alert saleswomen.
Corselettes, Custom Corsets
Cleansing and Repairing

Complete Furnishings for Home and Professional Offices

Importations

Authentic Reproductions

Furniture made to order

Upholstering
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JOSEPH McPHERSON
McPherson Building
Phone DRexel 2502
Valencia Street at 8th
LOS ANGELES, CALIF.

JULIUS GROSSMAN
[illegible] FOR COMFORT

Our *ENTIRE* Stock Without Restriction

MEN'S SHOES

REDUCED *for limited time only*

8^{50} and 10^{50}

Values up to $15.45

Comfort, remedial and stylish models. Sizes: 5½ to 13. Widths: AAA to EEEE.

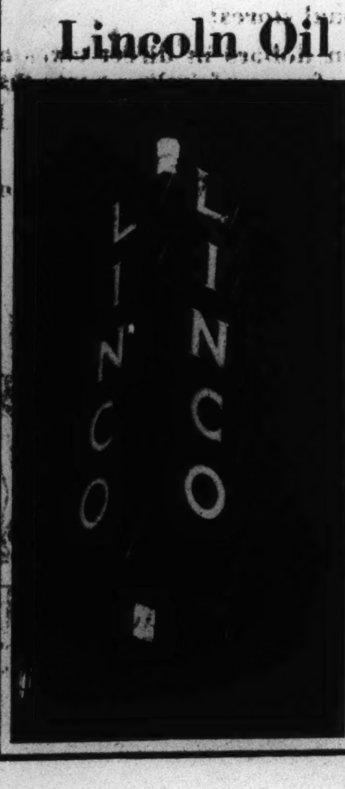
JULIUS GROSSMAN
NEW YORK
537 FIFTH AVE. at 45th
372 De Kalb Ave., Brooklyn

The Official Aviation Beacon of the
Lincoln Oil Refining Co.

is atop the

Merchants Bank Building

in Indianapolis, Indiana



This is the largest Neon Beacon in the United States. It is 2,000,000 candlepower and rises 375 feet above street level.

The beacon of the Linco Gas and Oil was erected at a cost of $57,000.00. It was dedicated last March to aviators of the World War and to the future of Aviation.

TWO USERS OF ***Symphonie*** **POWDER WROTE THIS ADVERTISEMENT**

These are voluntary letters from SYMPHONIE users. Names and addresses furnished to any interested person on request.

"*From BROOKLINE, Mass.:*

"I just want you to know that I have used almost every brand of face powder, including my own personal blended powder, but not one of them can compare with your SYMPHONIE. Really, it is the most satisfying and the most flattering powder I have ever used."*"

"*Another, from CHICAGO:*

"I find your powder a very surprising and soothing product after the many others I have used. I am a school girl and have told all my friends, and now out of a party of ten, nine of us use SYMPHONIE."*"

SYMPHONIE is the new "mystery" powder that *goes on* like a light powder and *stays on* like a heavy one. A trial on your own skin is the real proof. The price is $1, but you may try it before you buy it. A two weeks' test of SYMPHONIE in dainty packet with a new velour puff will be sent you gratis. Just fill out the coupon, being sure to mention name of store where you buy your cosmetics.

SEND COUPON FOR TWO WEEKS' TRIAL SUPPLY!

ARMAND, Des Moines, Iowa

I enclose a 2c stamp for postage, and will you please send me gratis the two weeks' supply of SYMPHONIE Powder with the new velour puff. I will give SYMPHONIE a thorough trial in comparison with the powder that I now use.

Name ______________ CSM-1-7-1-8
Address ______________
City and State ______________
I buy face powder from ______________

In Canada: Armand Ltd., St. Thomas, Ontario

Arequipa Station, Harvard College Observatory

SPEEDOMETER OF THE UNIVERSE

Astronomers last year progressed greatly in studies of distant galaxies. Their research shows these systems of stars to be rushing away from the earth at enormous speeds—evidence of an expanding universe. The photograph shows the small Magellanic cloud which is receding at a velocity of more than 100 miles a second. Harvard astronomers find it is 570,000,000,000,000,000 miles from the earth.

"THE STARS BEYOND"

The third largest reflecting telescope in the world has just been installed at the Perkins Observatory of Ohio Wesleyan University, Delaware, Ohio. Its 69-inch mirror will "see" stars 120,000 times fainter than the faintest visible to the unaided eye.

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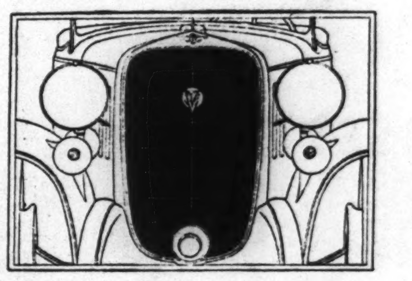

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